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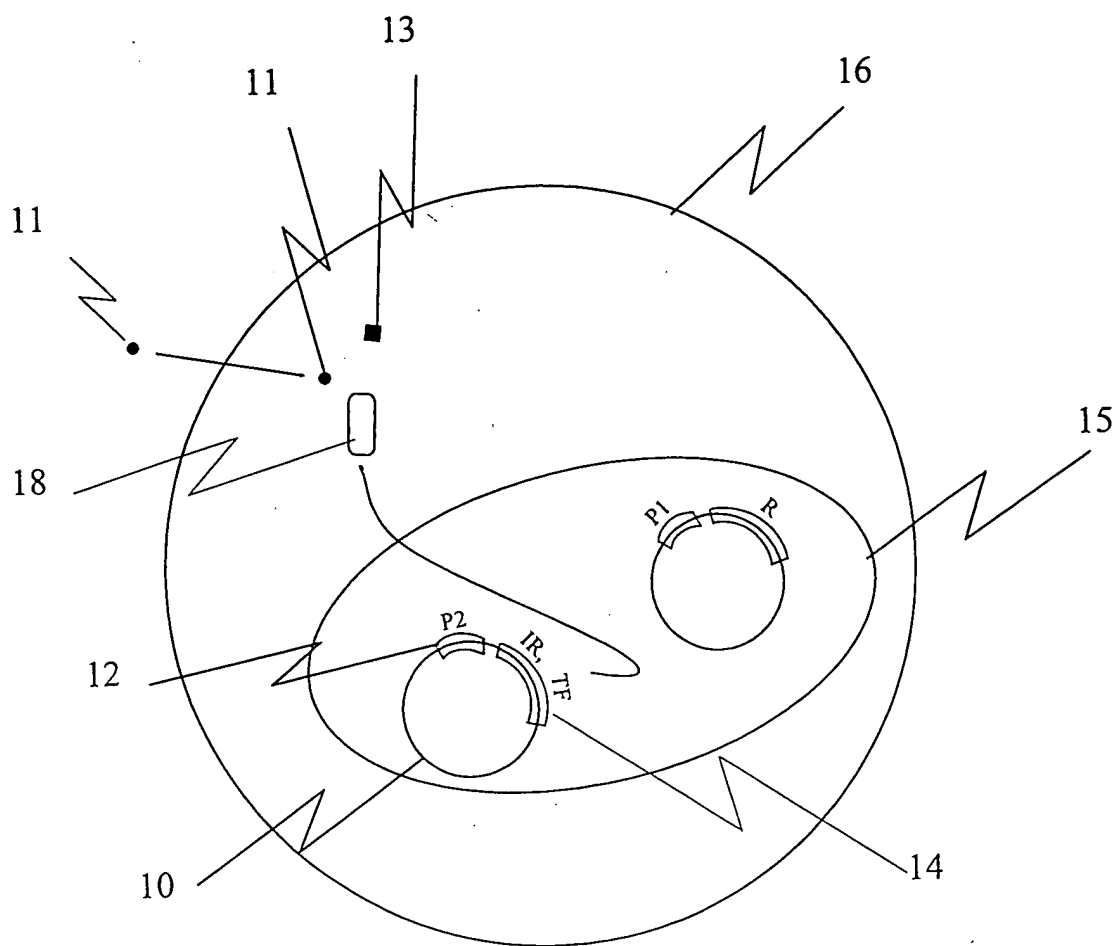


FIG. 1A

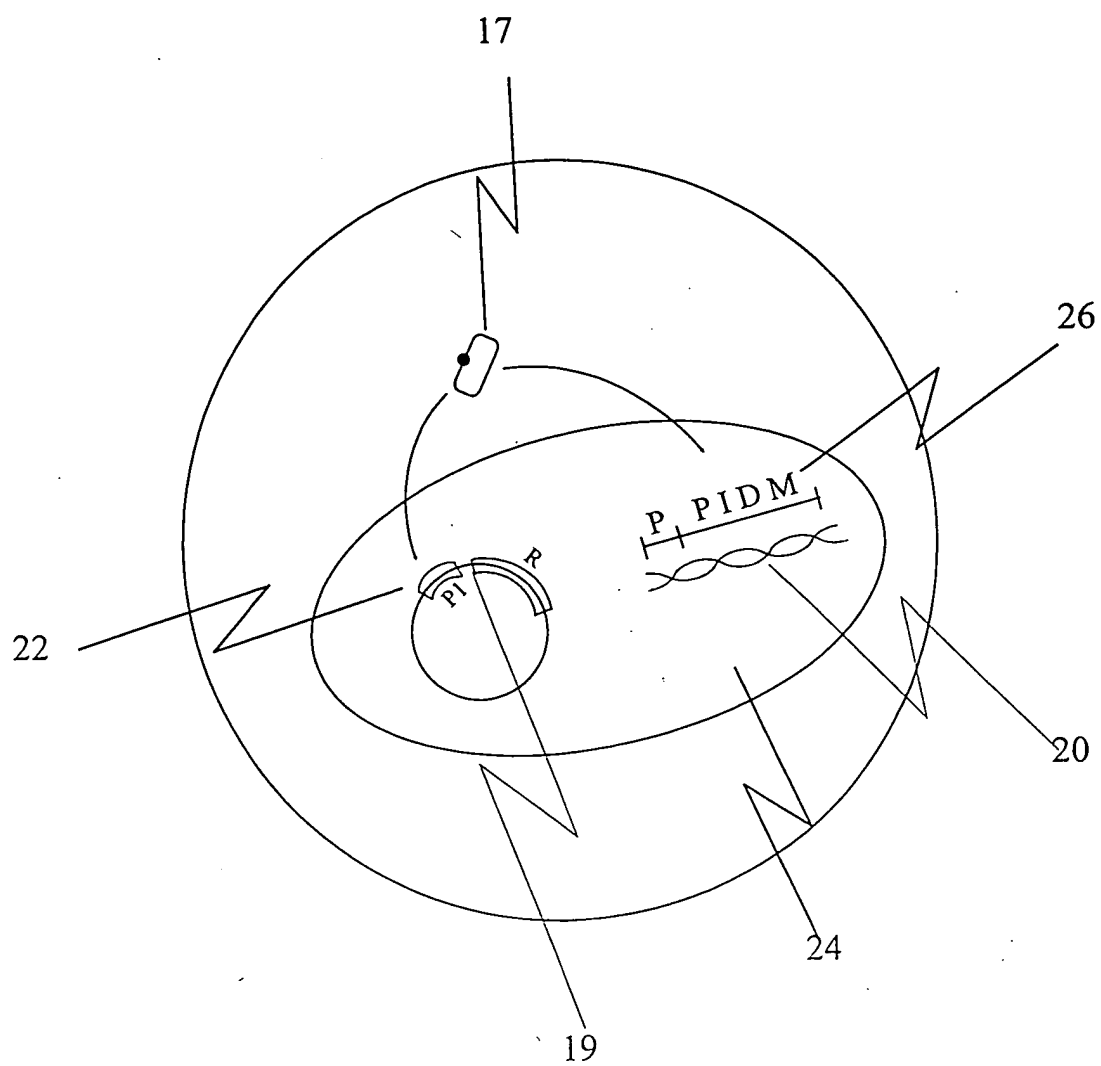


FIG. 1B

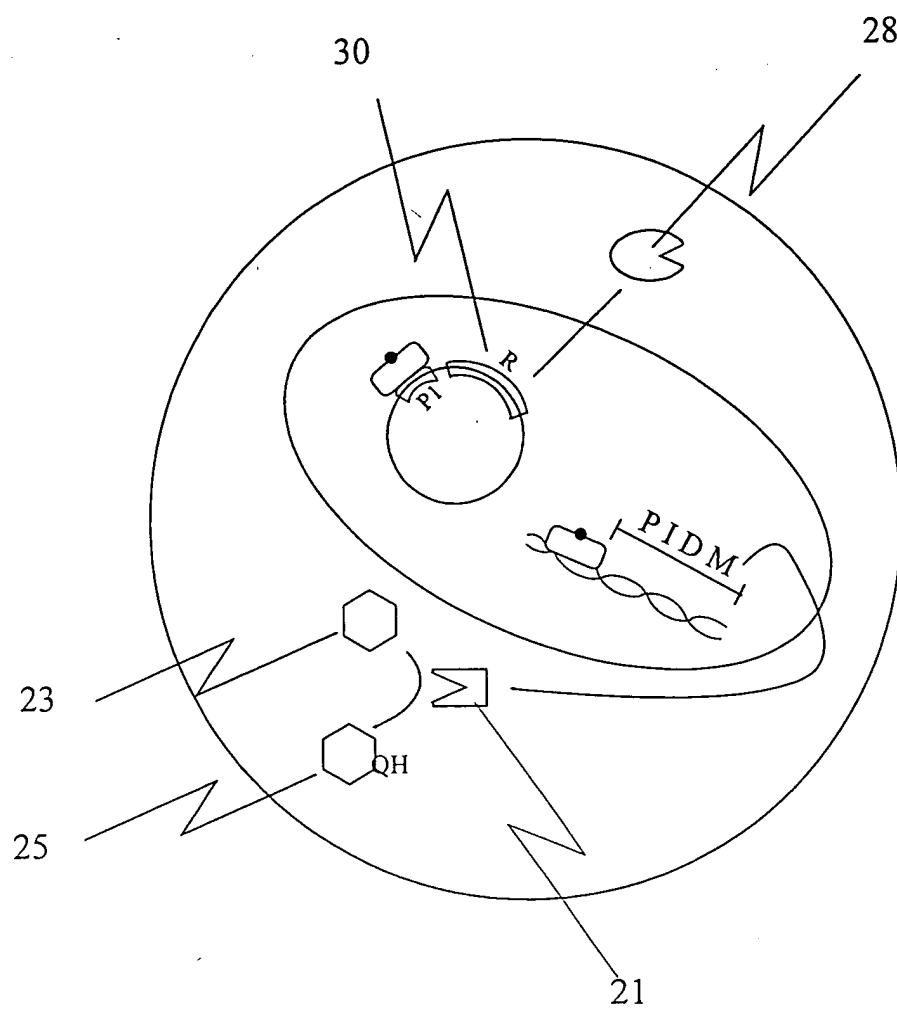


FIG. 1C

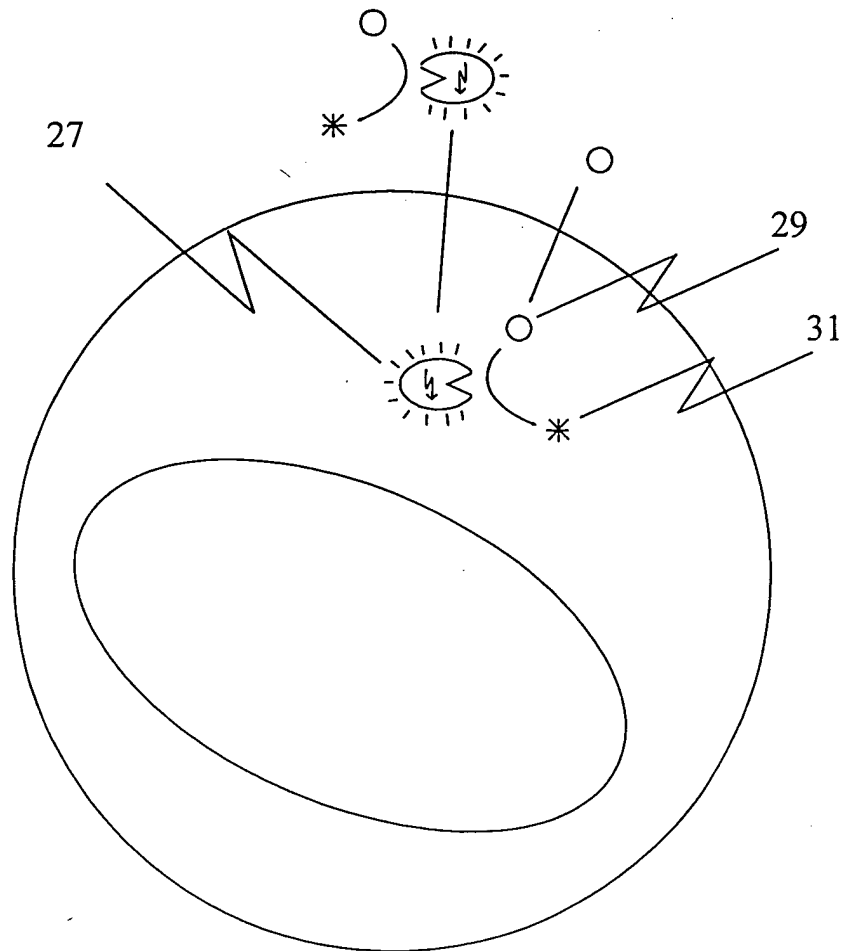


FIG. 1D

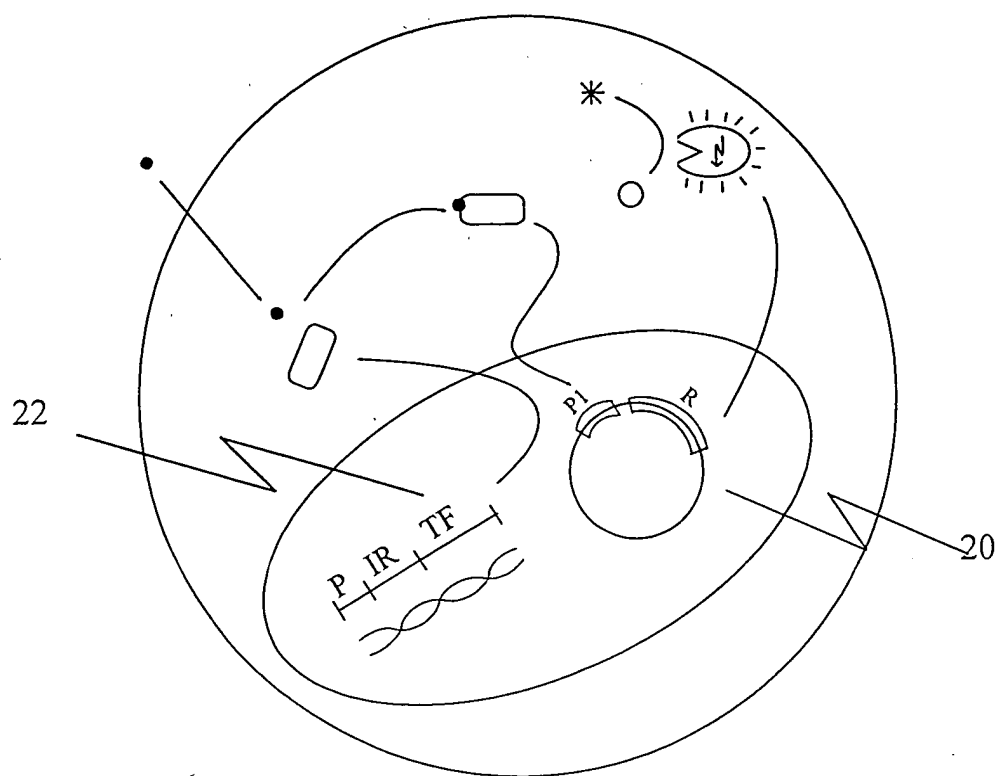


FIG. 2

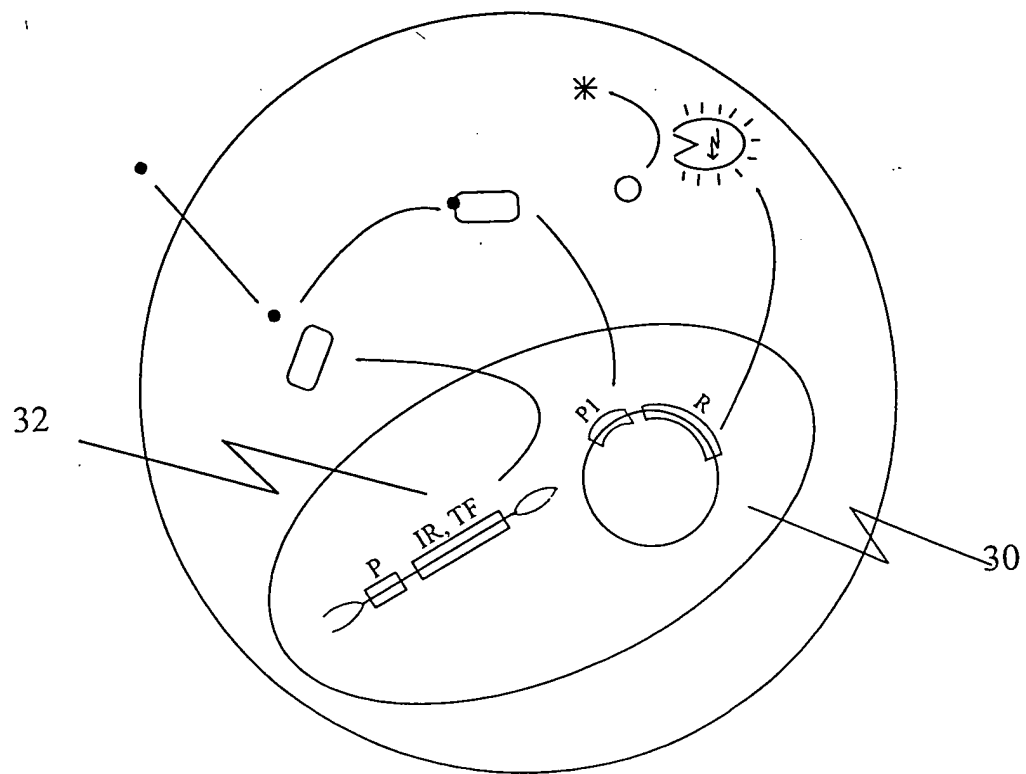


FIG. 3

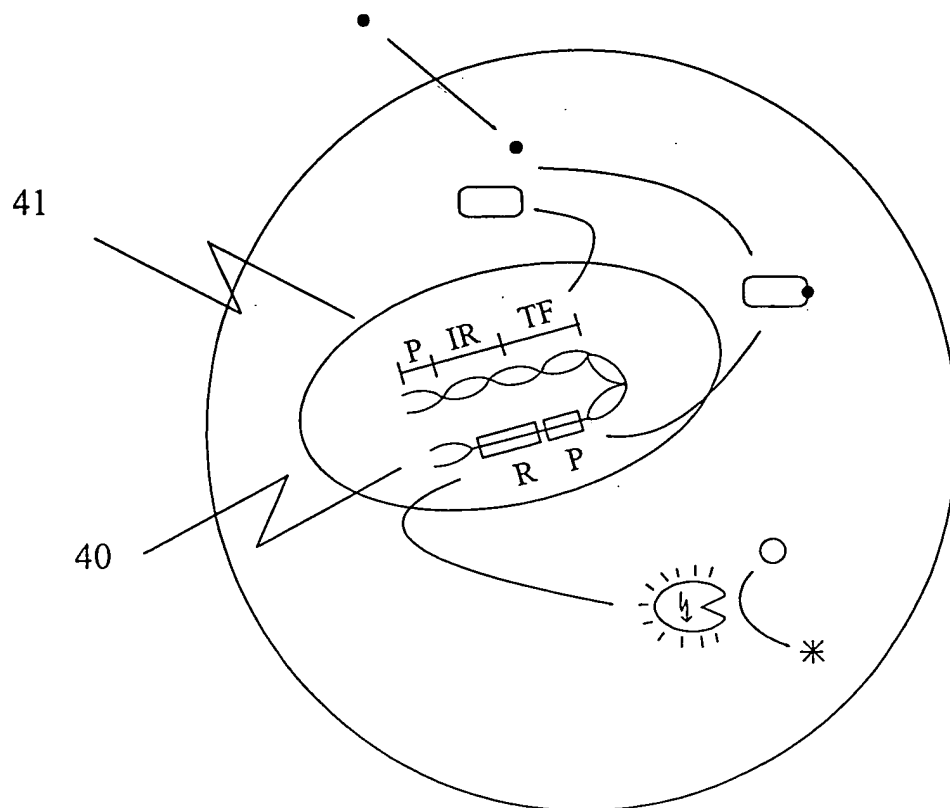


FIG. 4

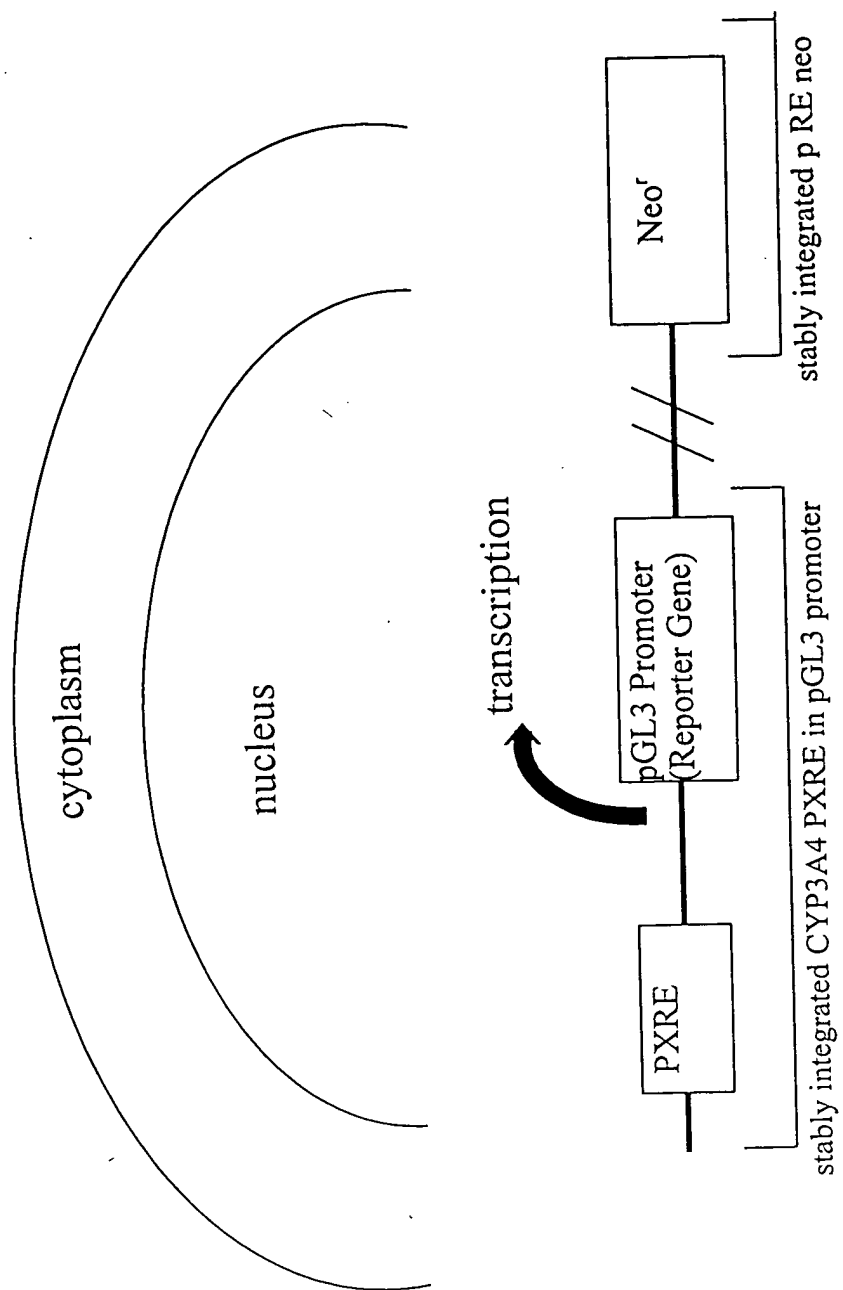


FIG. 6

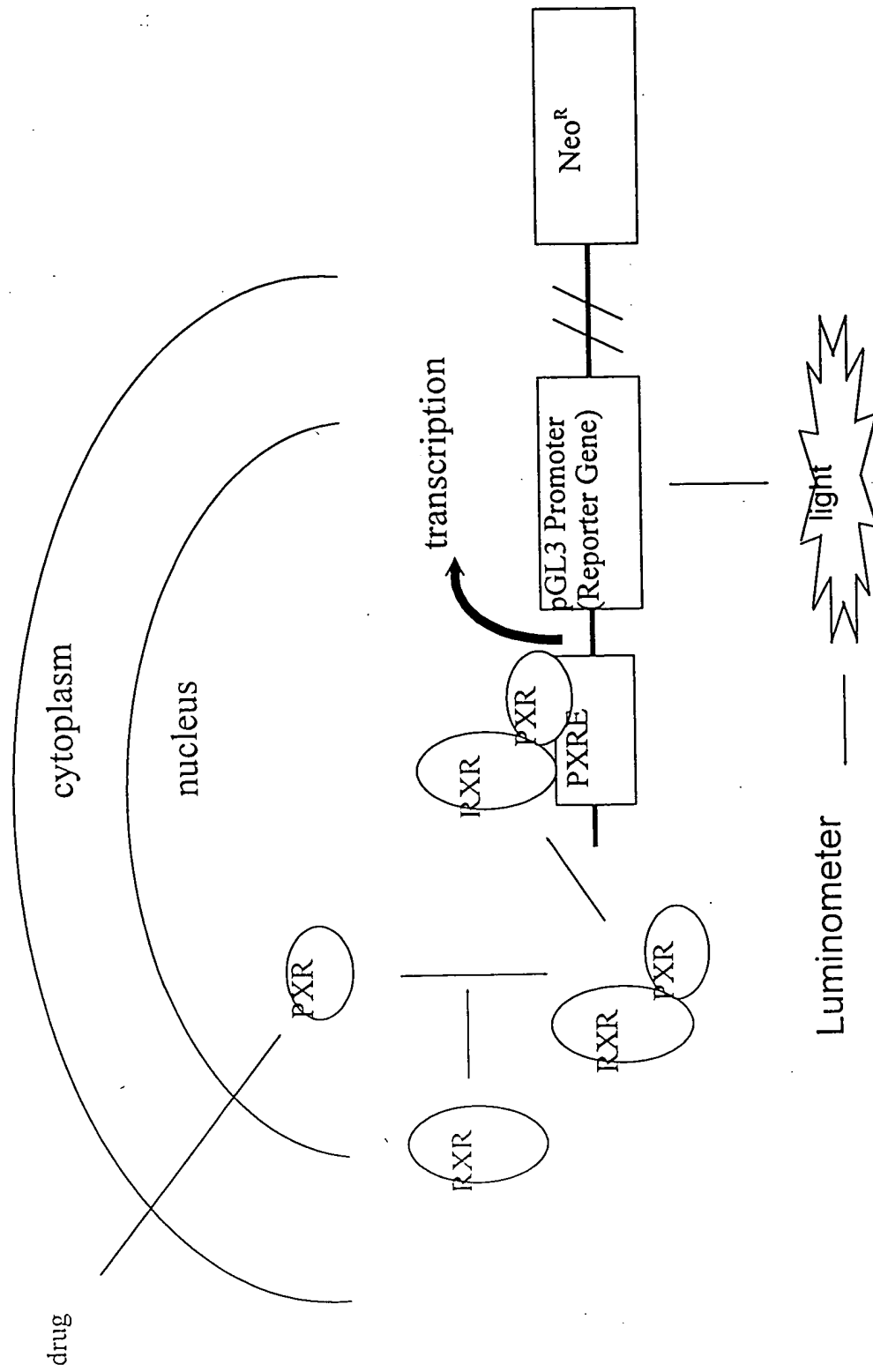


FIG. 7

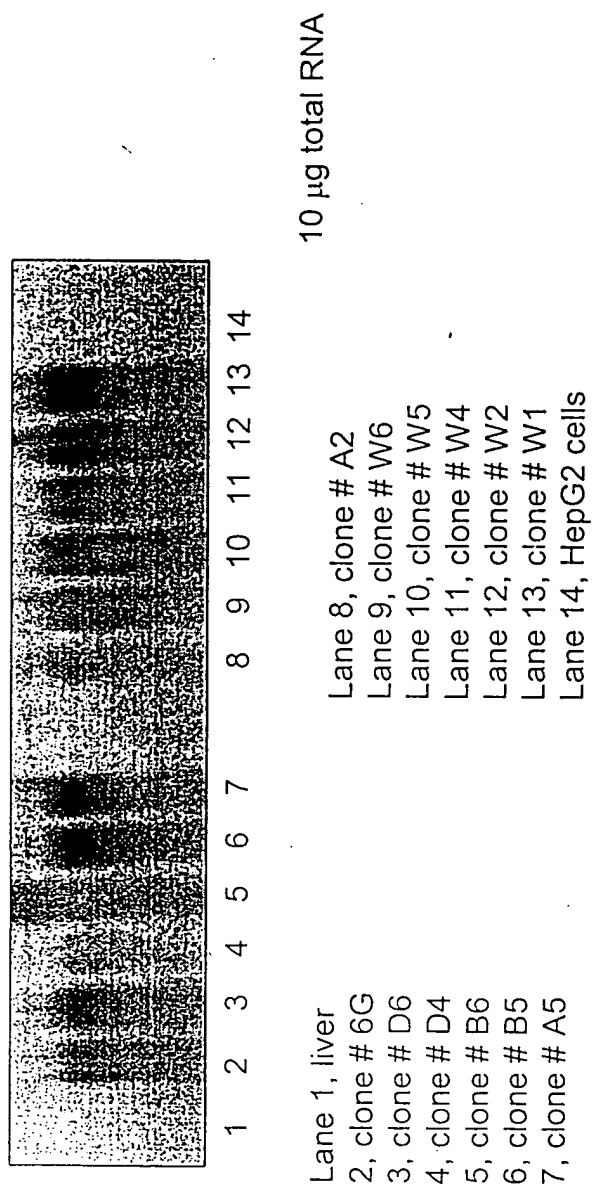
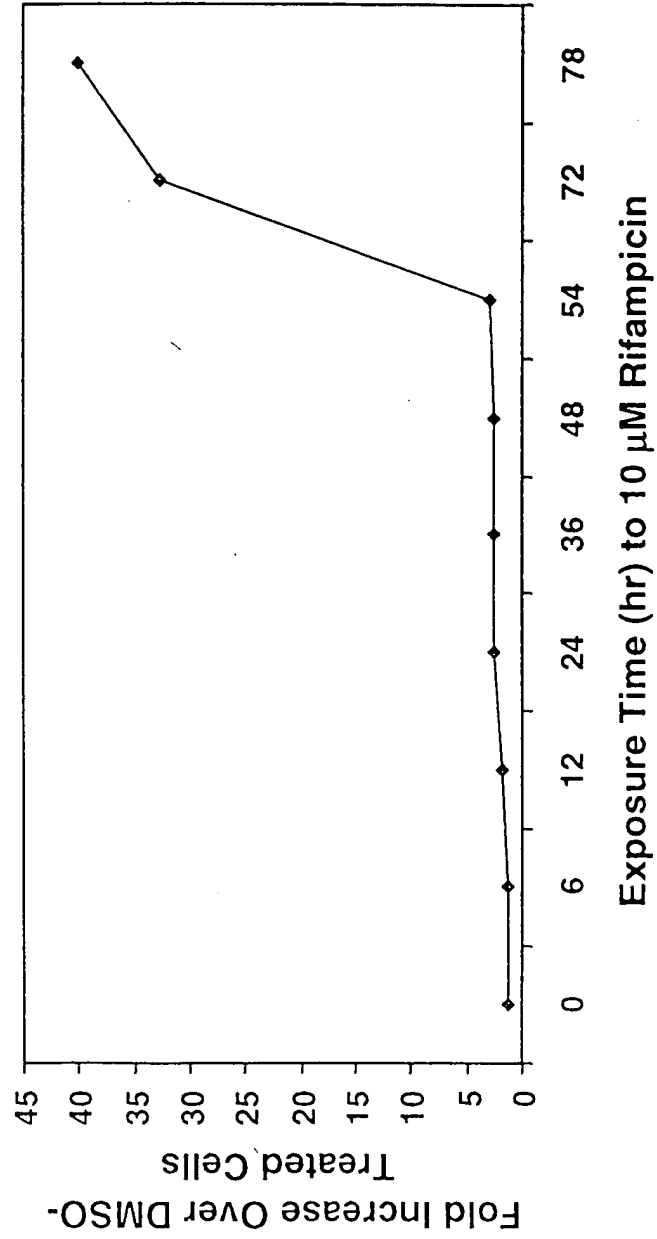


FIG. 8

Clone #13 (no PXR)**FIG. 9**

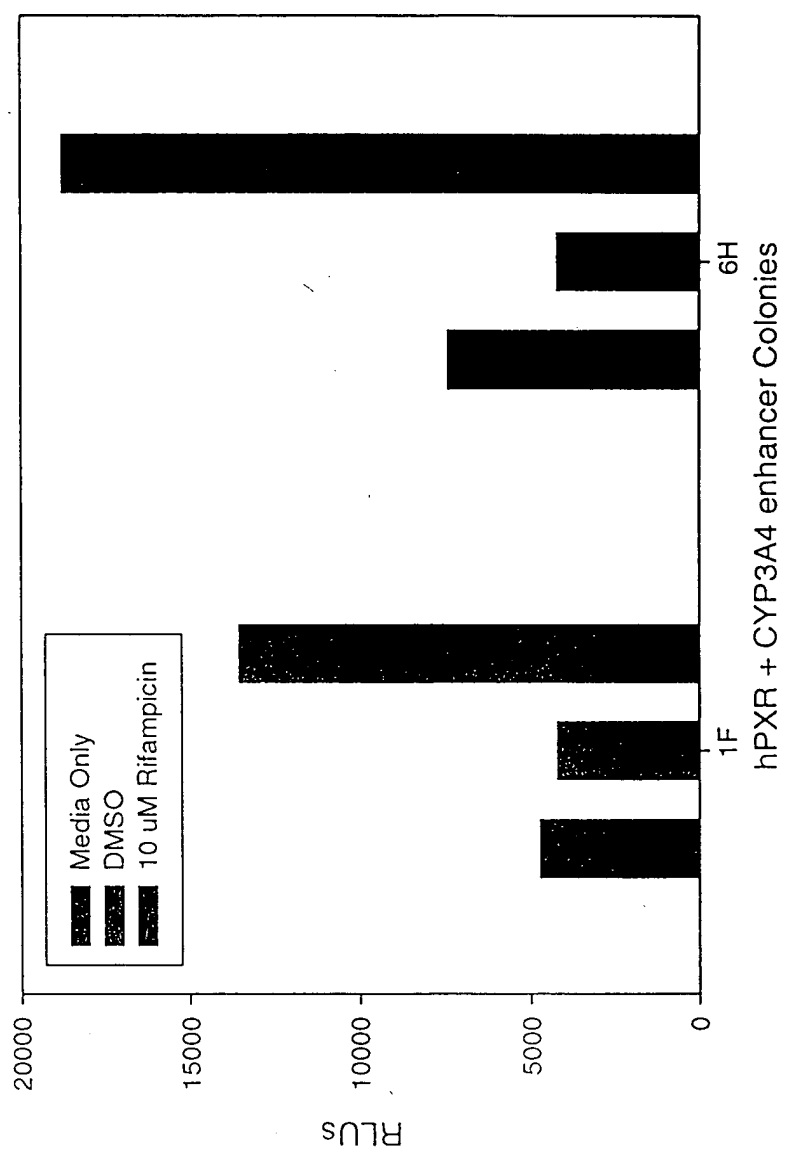


FIG. 10

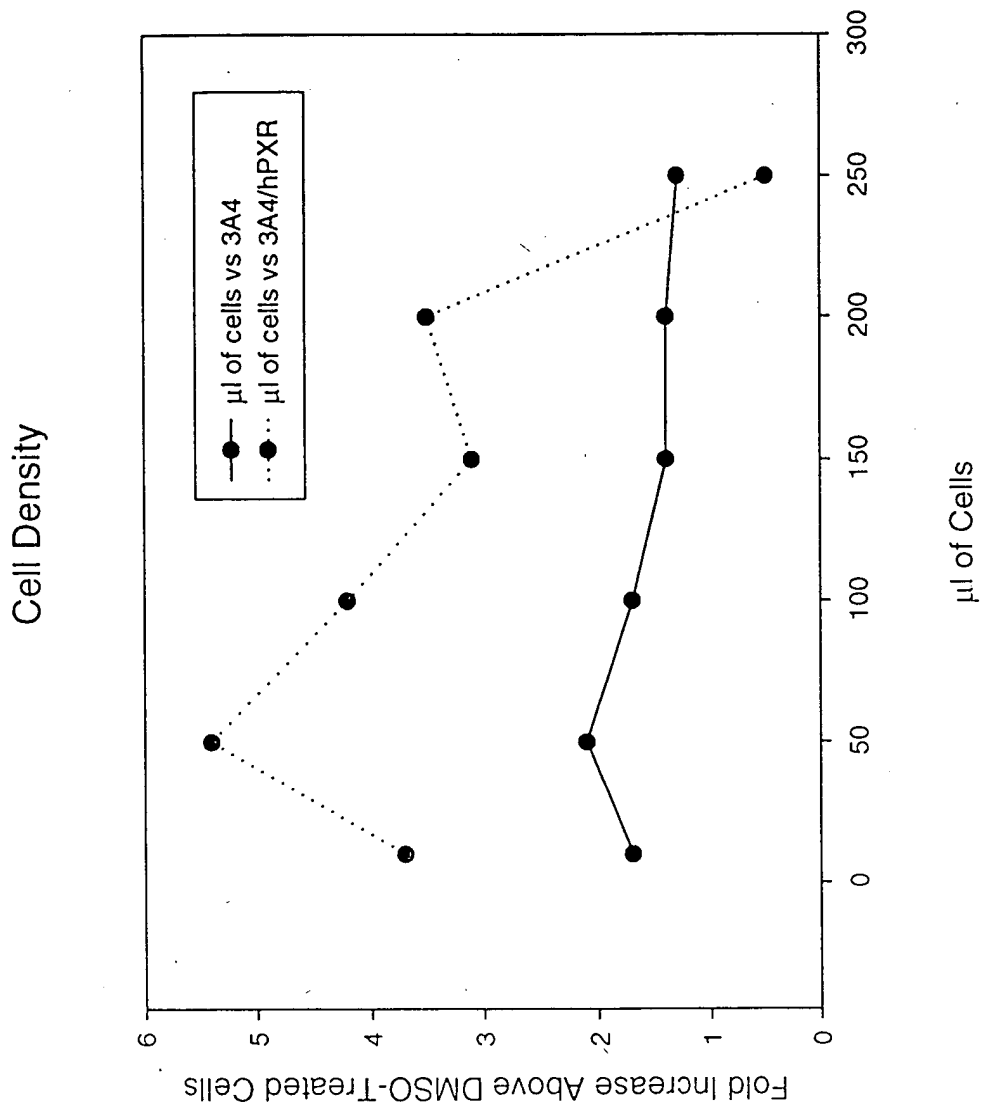


FIG. 11

Effect of Serum, DMSO, and Rifampicin on Luciferase Activity

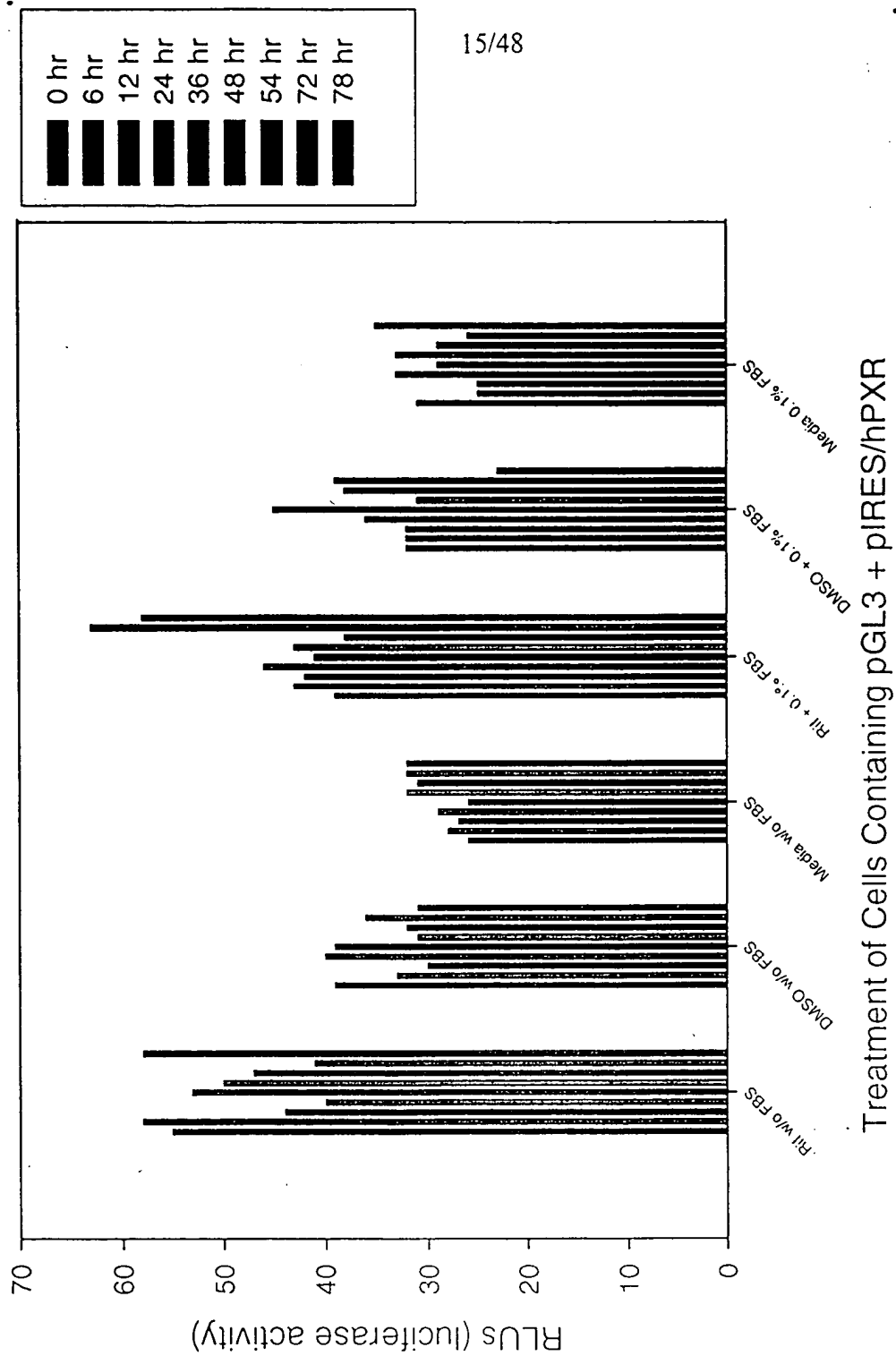
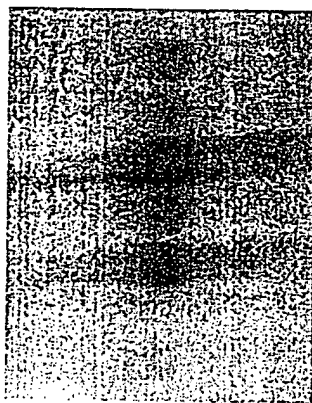


FIG. 12

Human Hepatocytes # 899
10 µg RNA per well



1 2 3 4 5 6 7

Lane 1, DMSO with 0.1 µM DEX
Lane 2, DMSO no DEX
Lane 3, 10 µM DEX
Lane 4, 1 mM Phenobarbital
Lane 5, 10 µM Rifampicin
Lane 6, 10 µM Clotrimazole
Lane 7, 10 µM RU486

FIG. 13

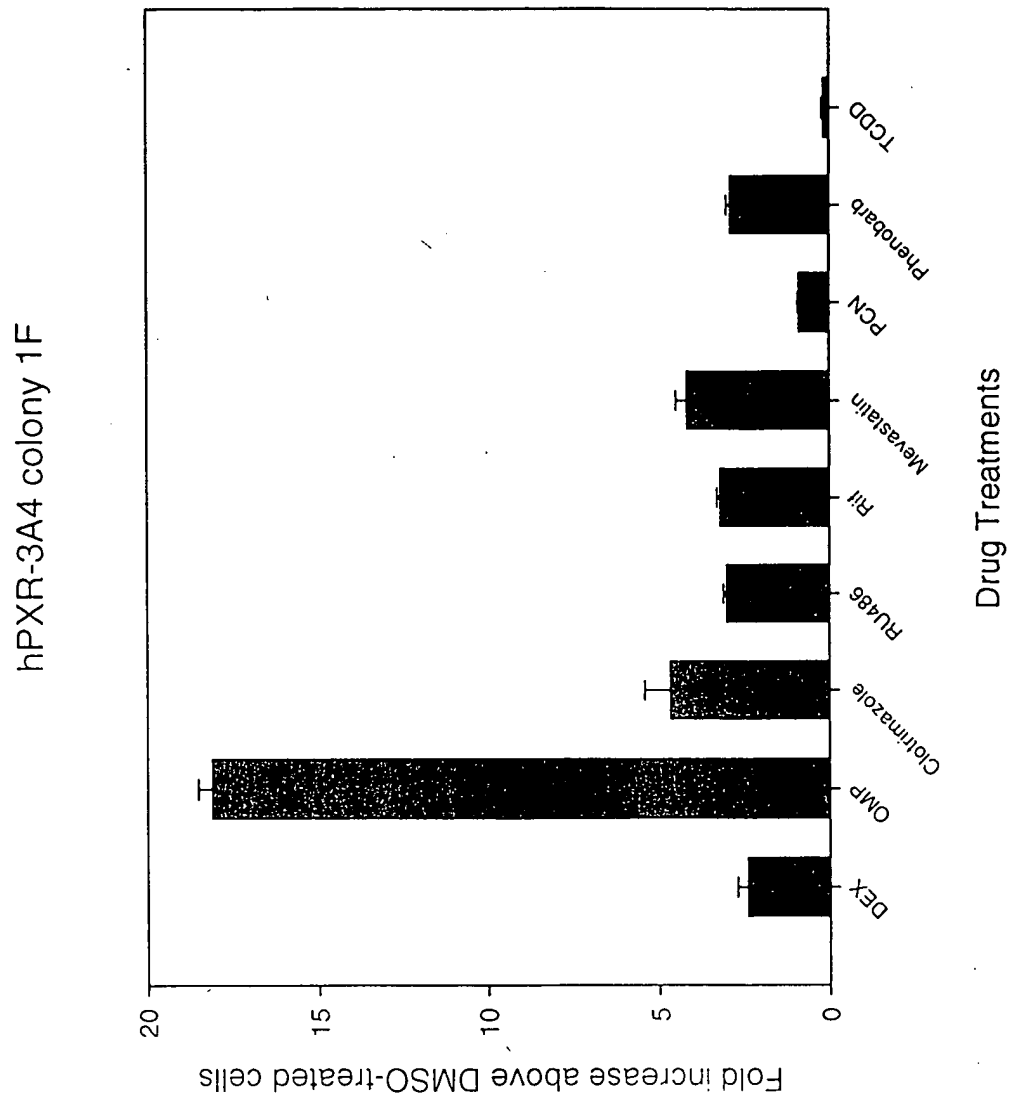


FIG. 14

3A4 Colony 13

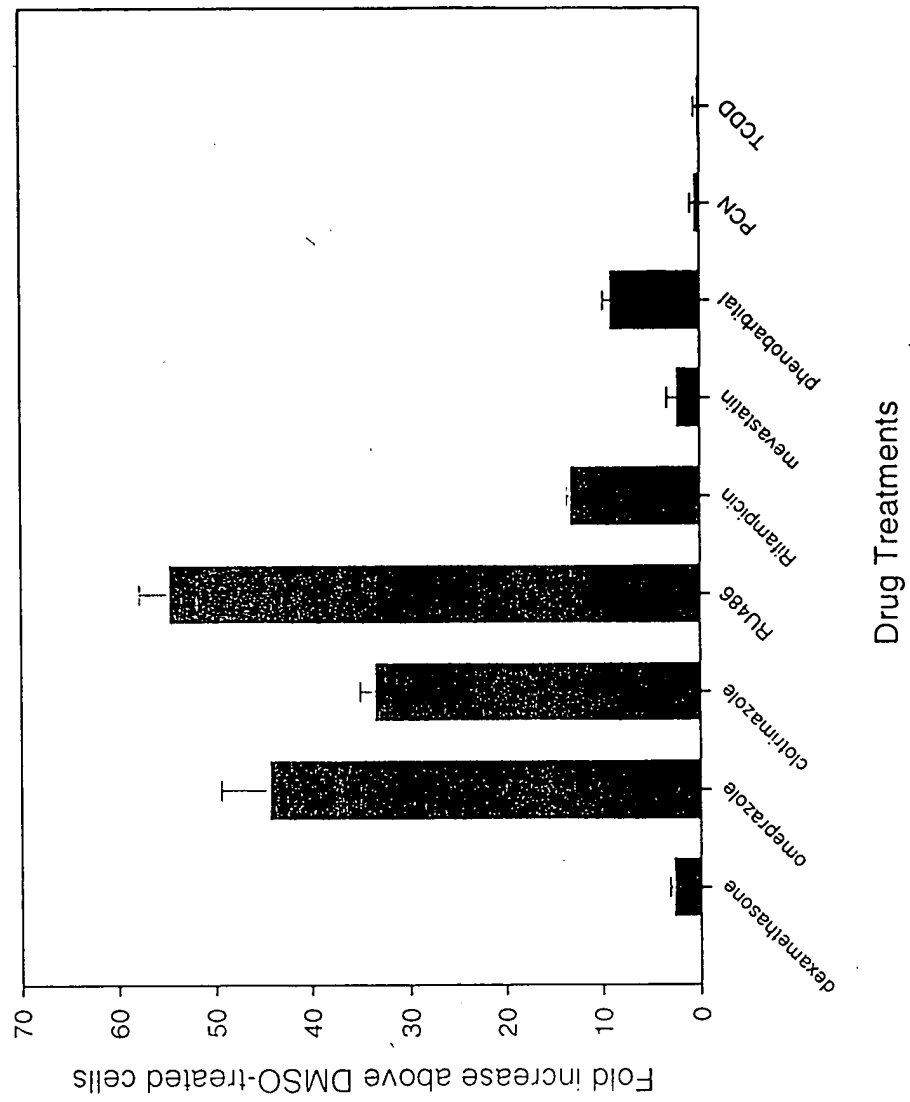


FIG. 15

Colony 13 Drug Screen

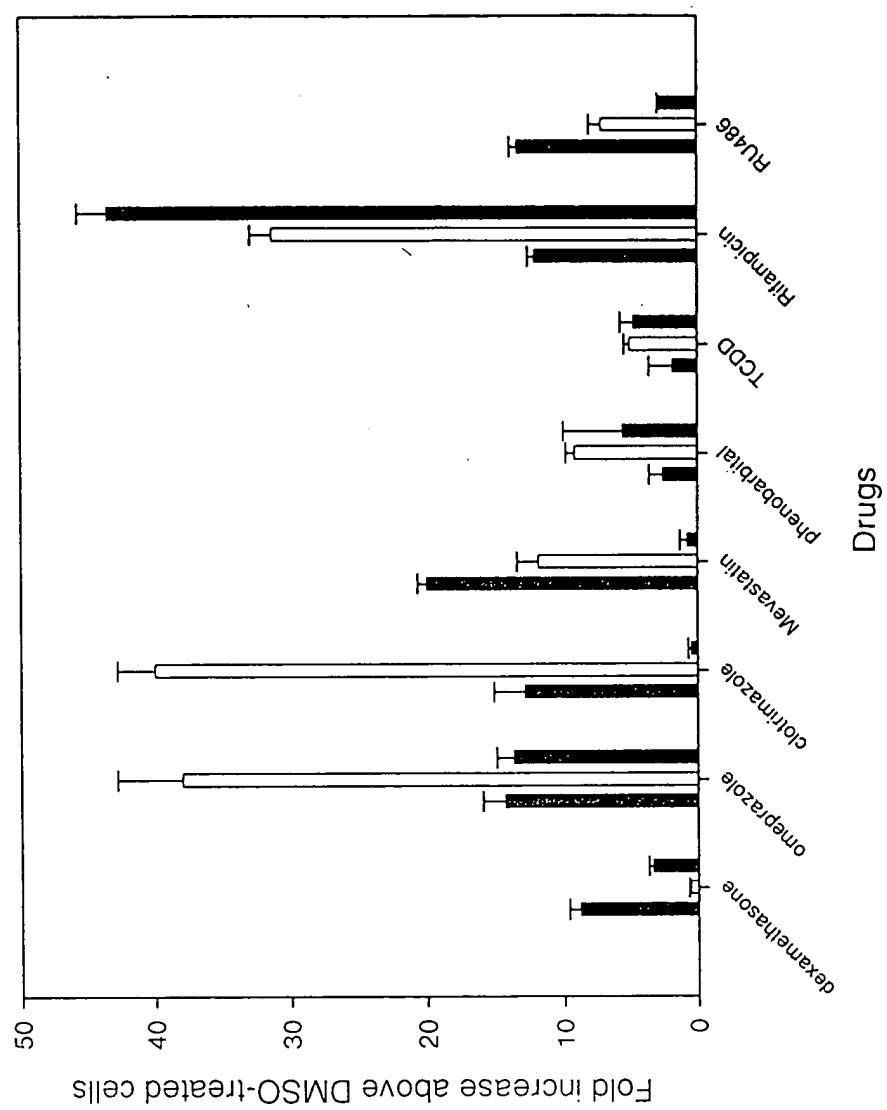


FIG. 16

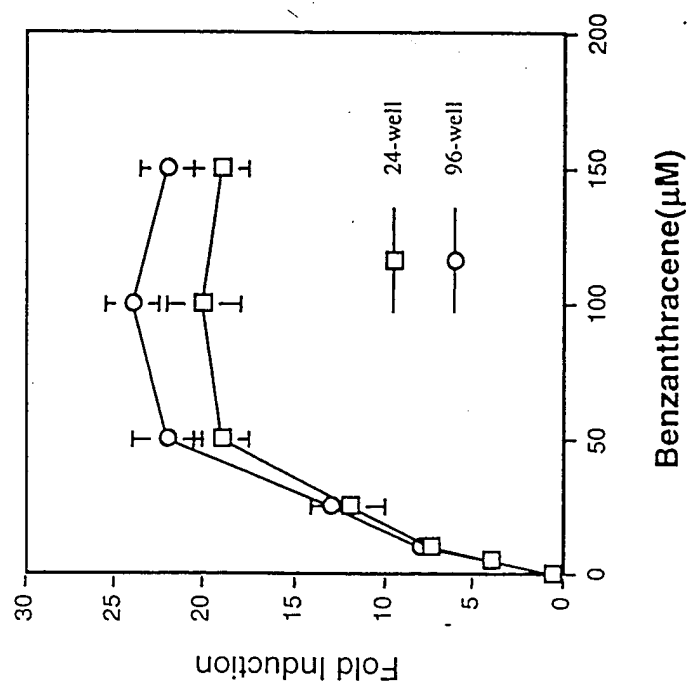


FIG. 17

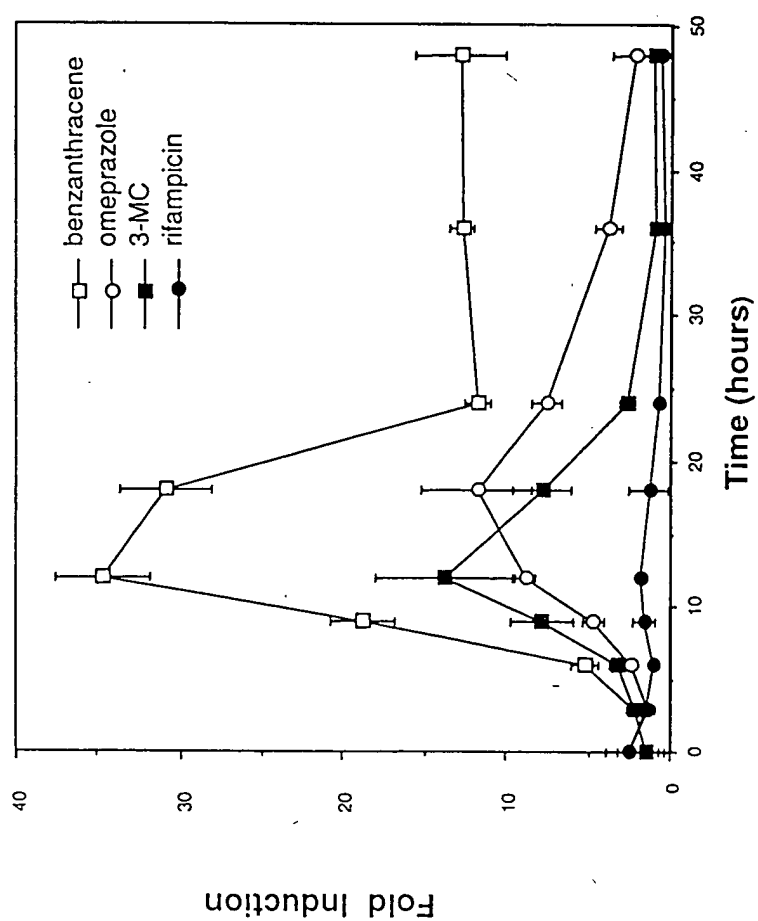
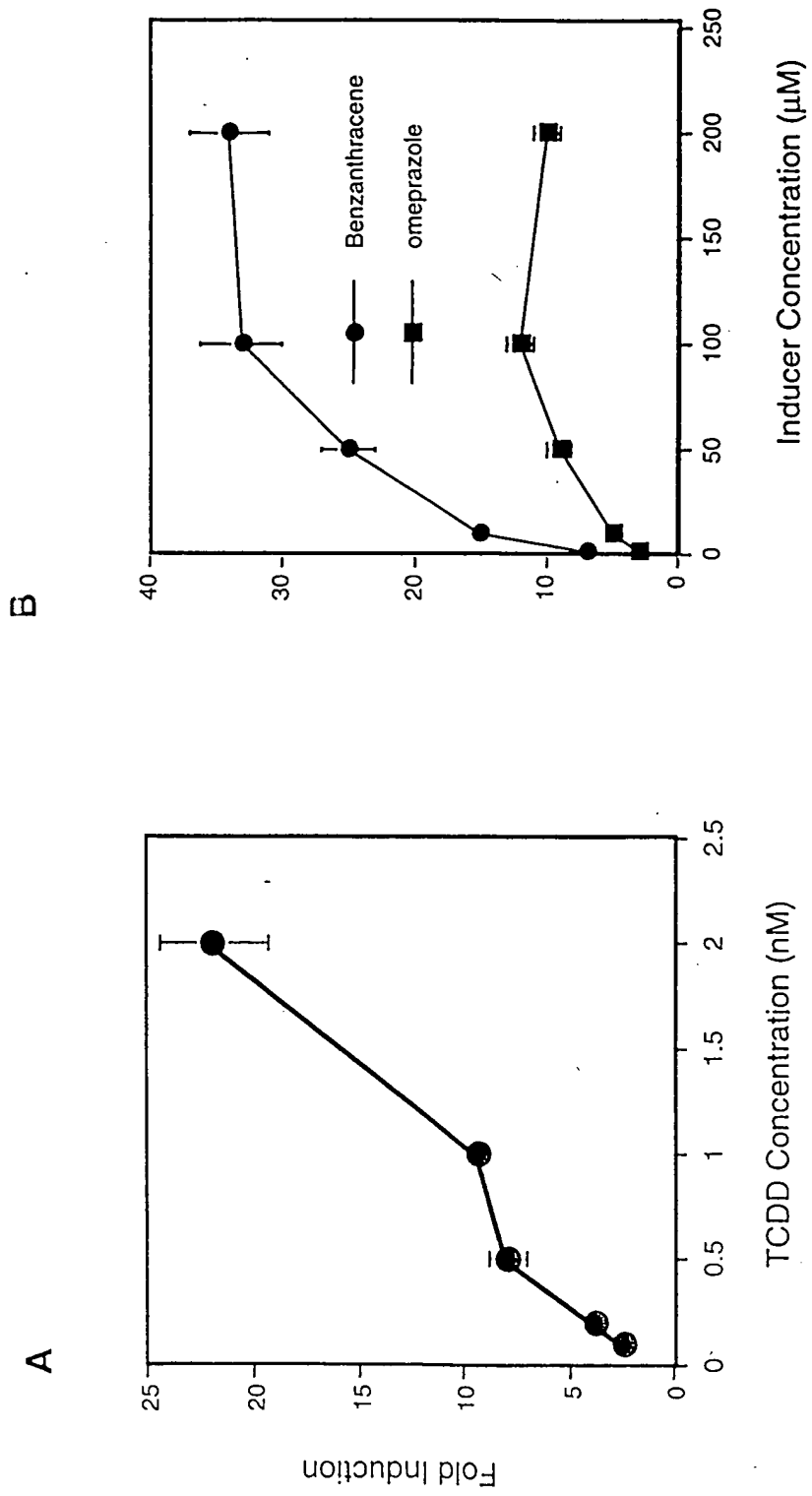


FIG. 18

**FIG. 19**

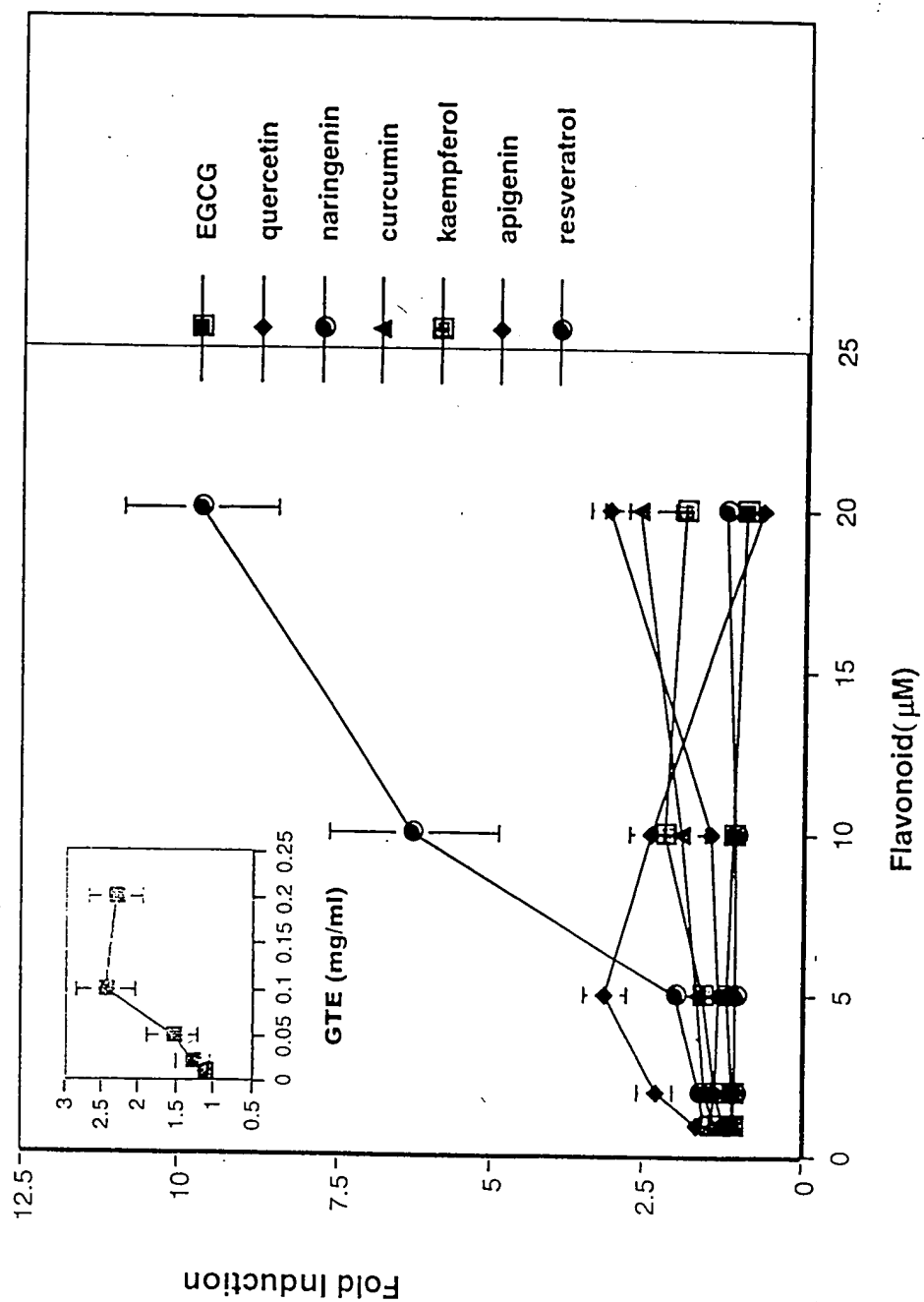


FIG. 20

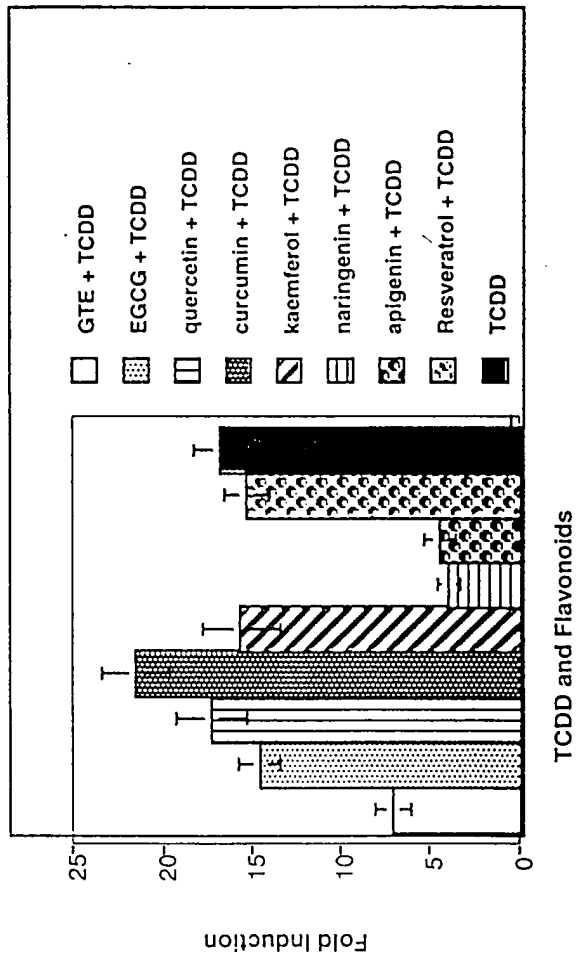


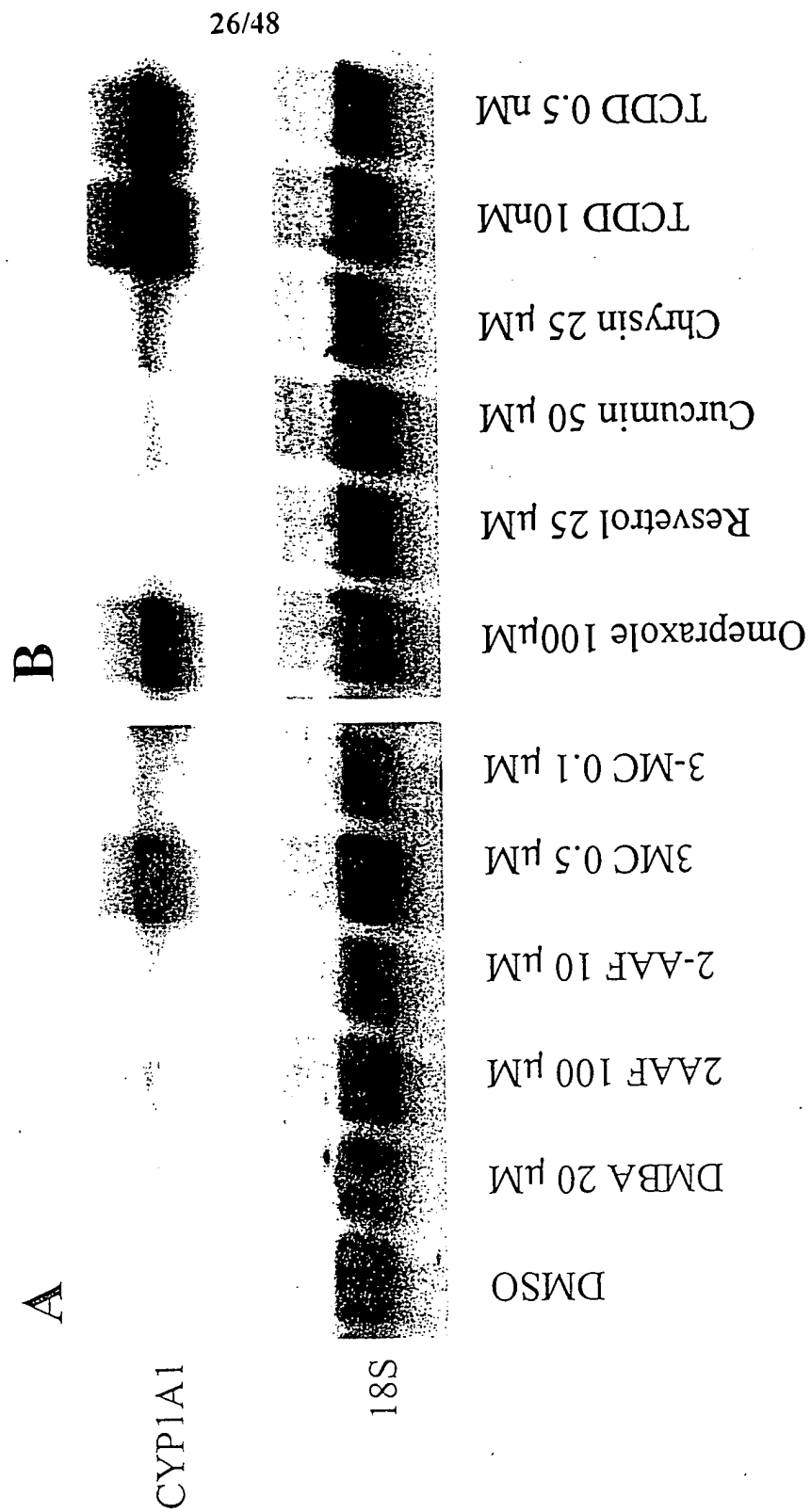
FIG. 21

FIG. 22

NR1

CYP2C19	-1895 AACCAAACTCTTCTTGACCCCAATCT	SEQ ID NO. 15
CYP2C9	-2900 AATGAACCCTATCATAAACTATGAG	SEQ ID NO. 35
CYP2B6	-1683 CCTGTACTTTCC.TGACCCCTGAA	SEQ ID NO. 36
CYP3A4	-7734 AATGAACCTTGC..TGACCCCTCTG	SEQ ID NO. 37

FIG. 23



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FIG. 24

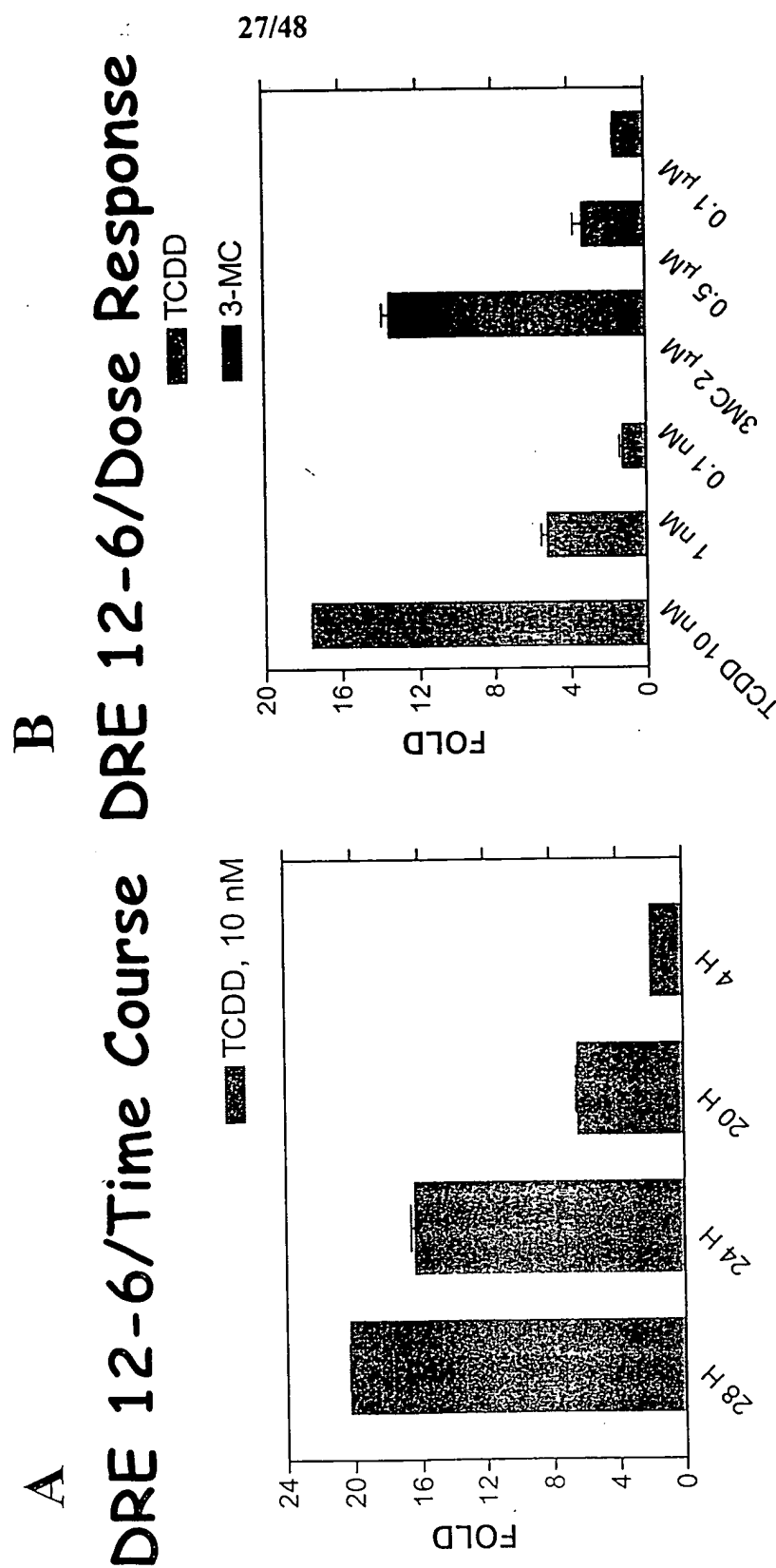


FIG. 25A

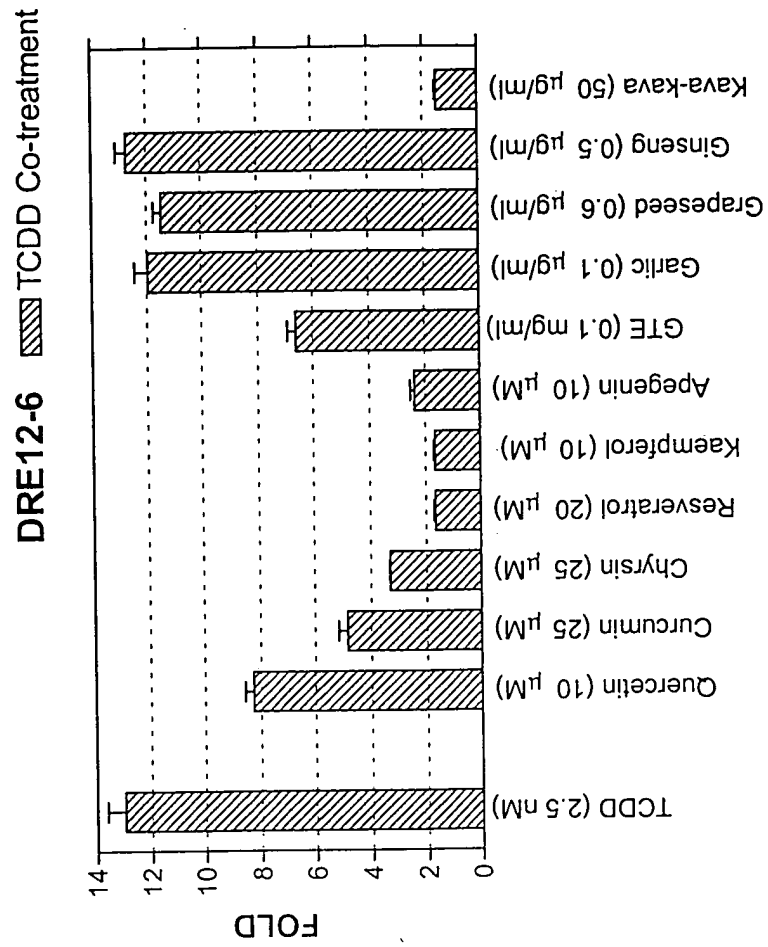


FIG. 25B

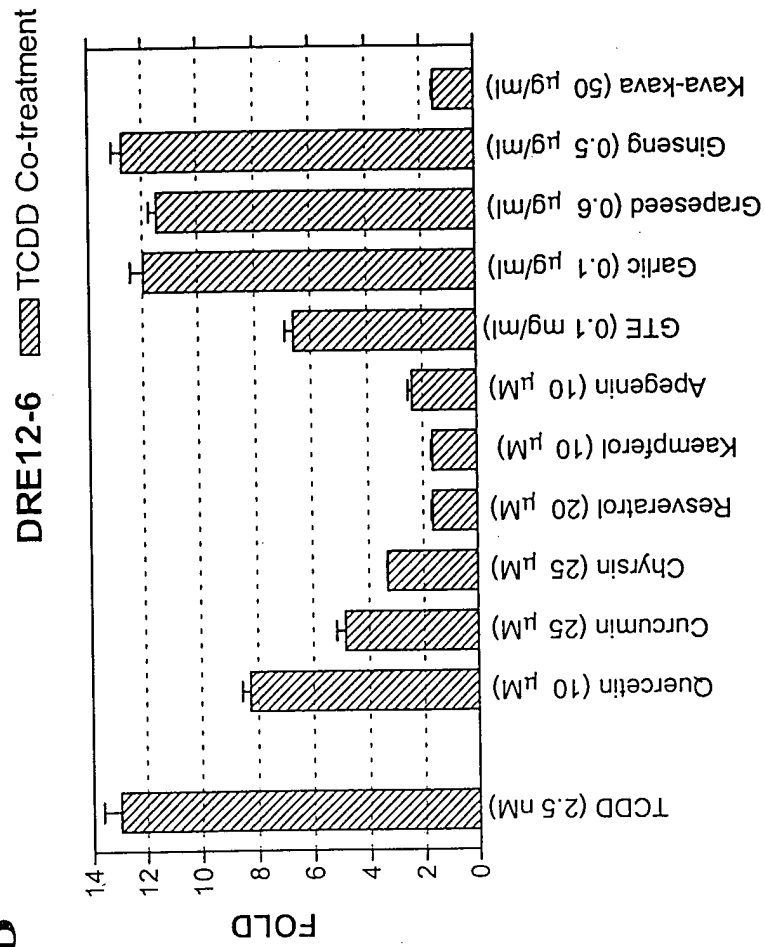
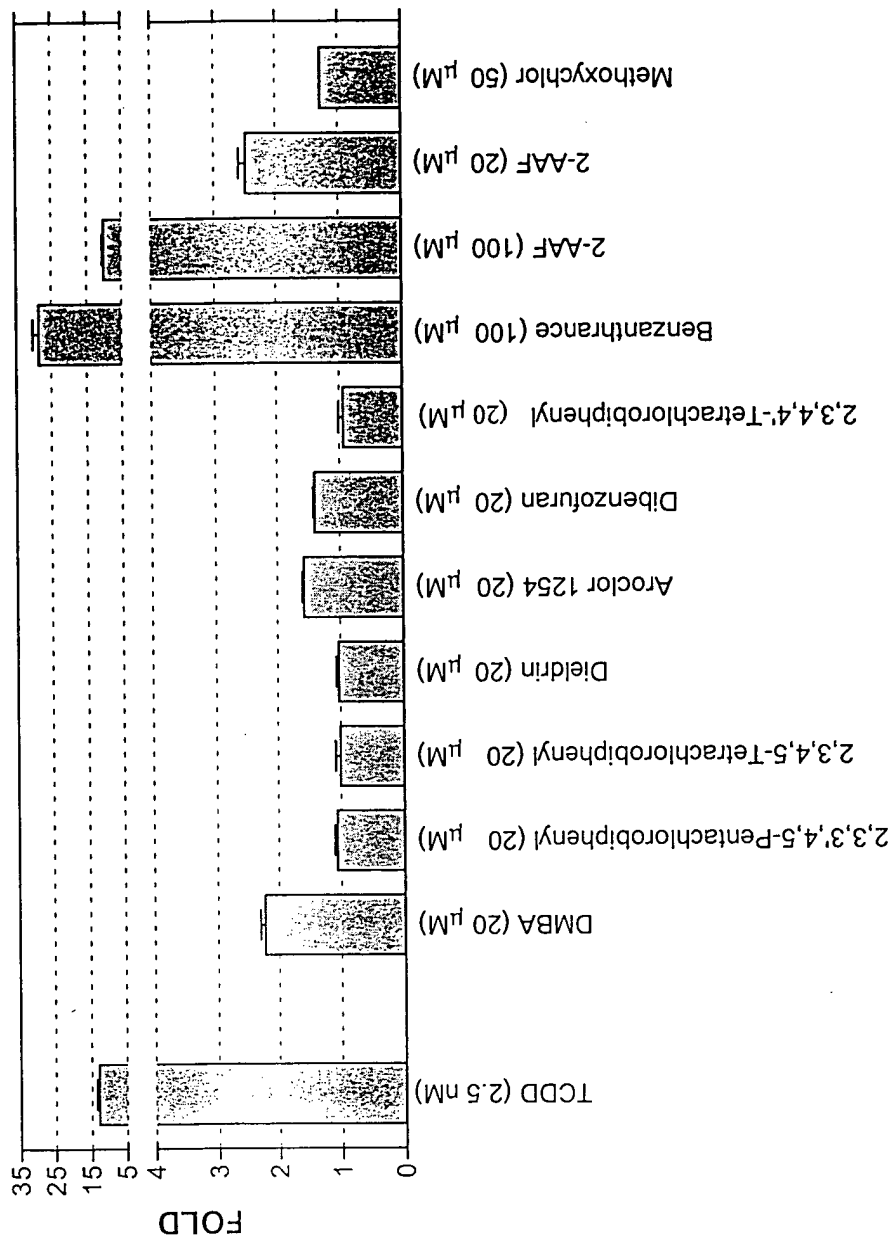


FIG. 26A

DRE12-6



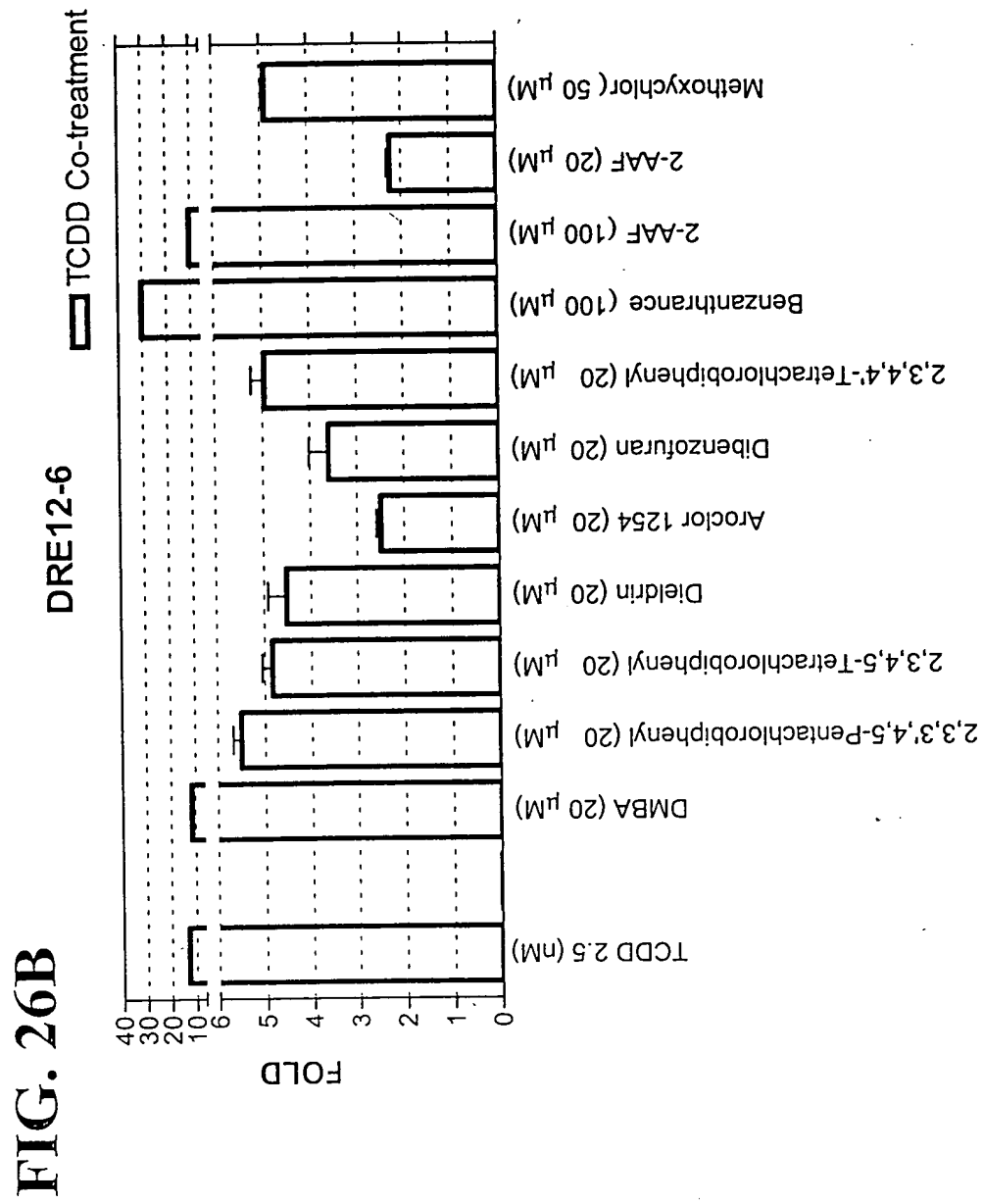
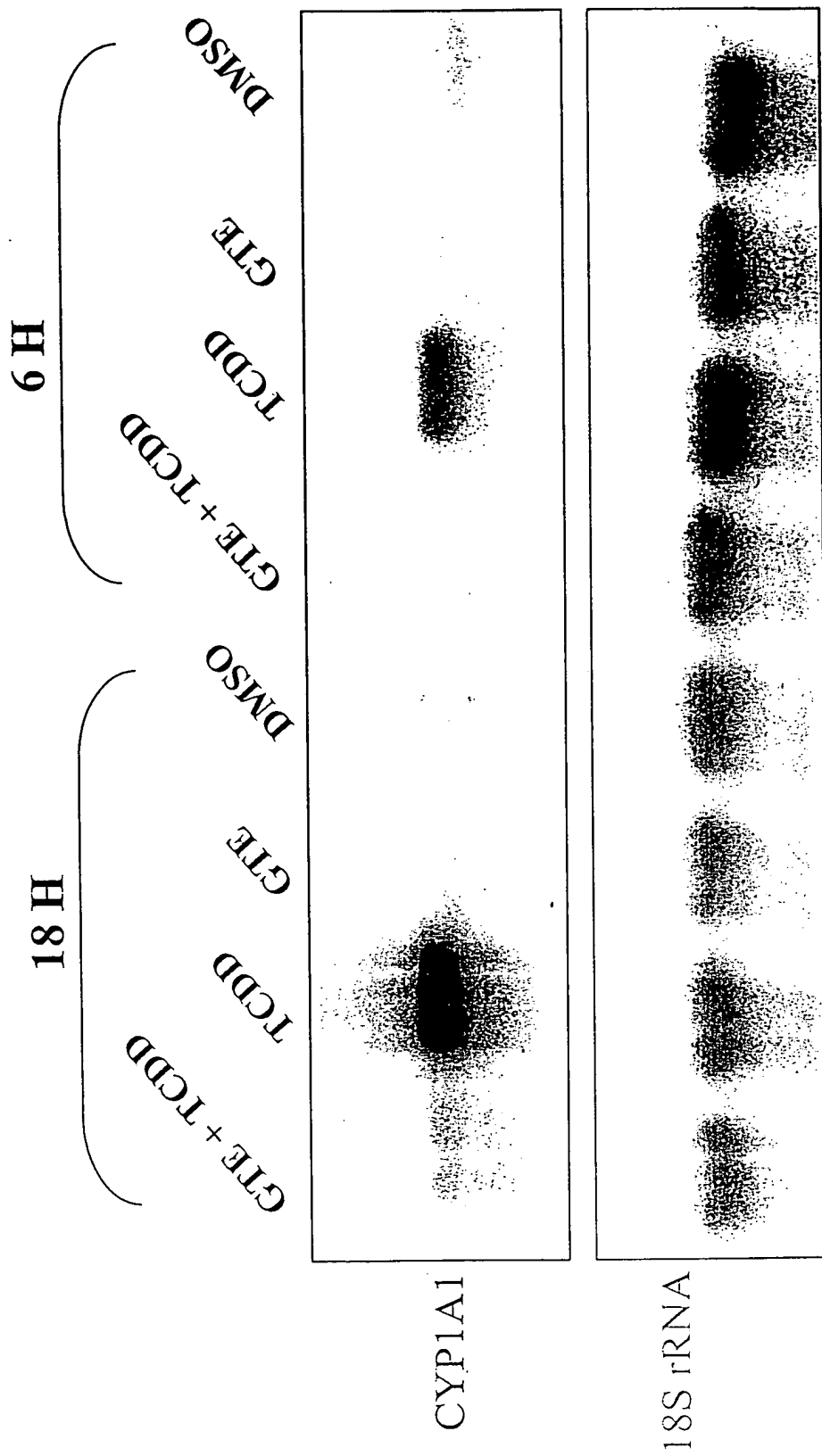
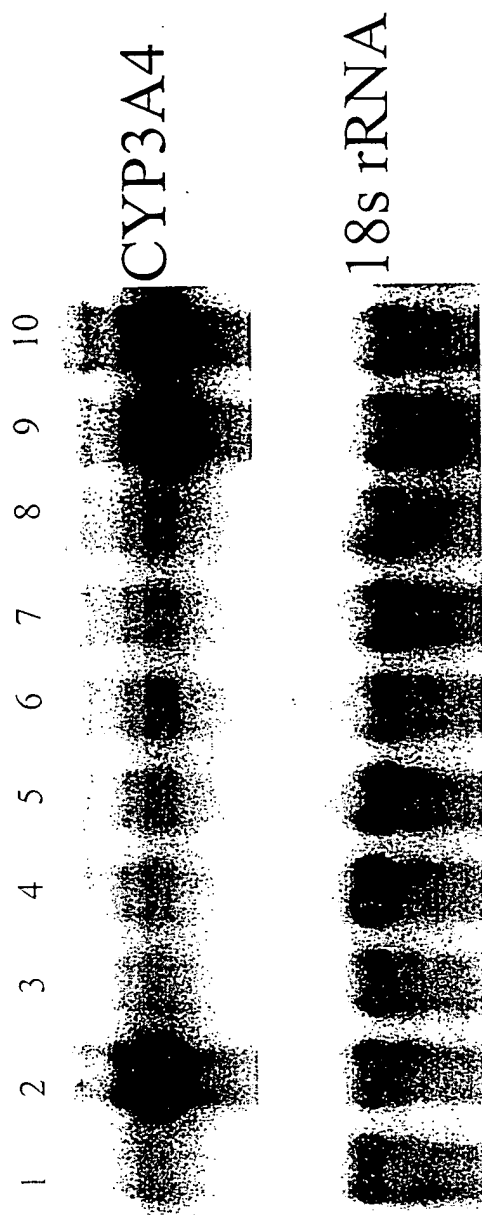


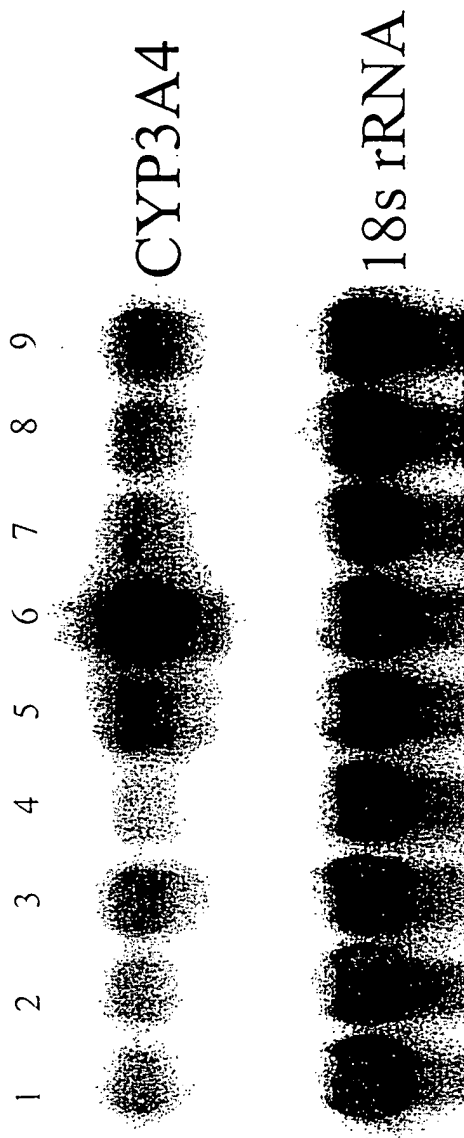
FIG. 27





1. DMSO
2. Rif 10 μ M
3. Apigenin 10 μ M
4. Resveratrol 5 μ M
5. Curcumin 5 μ M
6. Quercetin 10 μ M
7. BNF 1 μ M
8. BNF 10 μ M
9. Omeprazole 100 μ M
10. Phenobarbital 1000 μ M

FIG. 28A

**FIG. 28B**

1. 3.1 ug/ml grapeseed extract
2. 31 ug/ml grapeseed extract
3. 10 ug/ml garlic
4. 100 ug/ml garlic
5. 10 ug kava-kava
6. 100 ug kava-kava
7. 10 ug/ml ginseng
8. 100 ug/ml ginseng
9. DMSO

FIG. 29

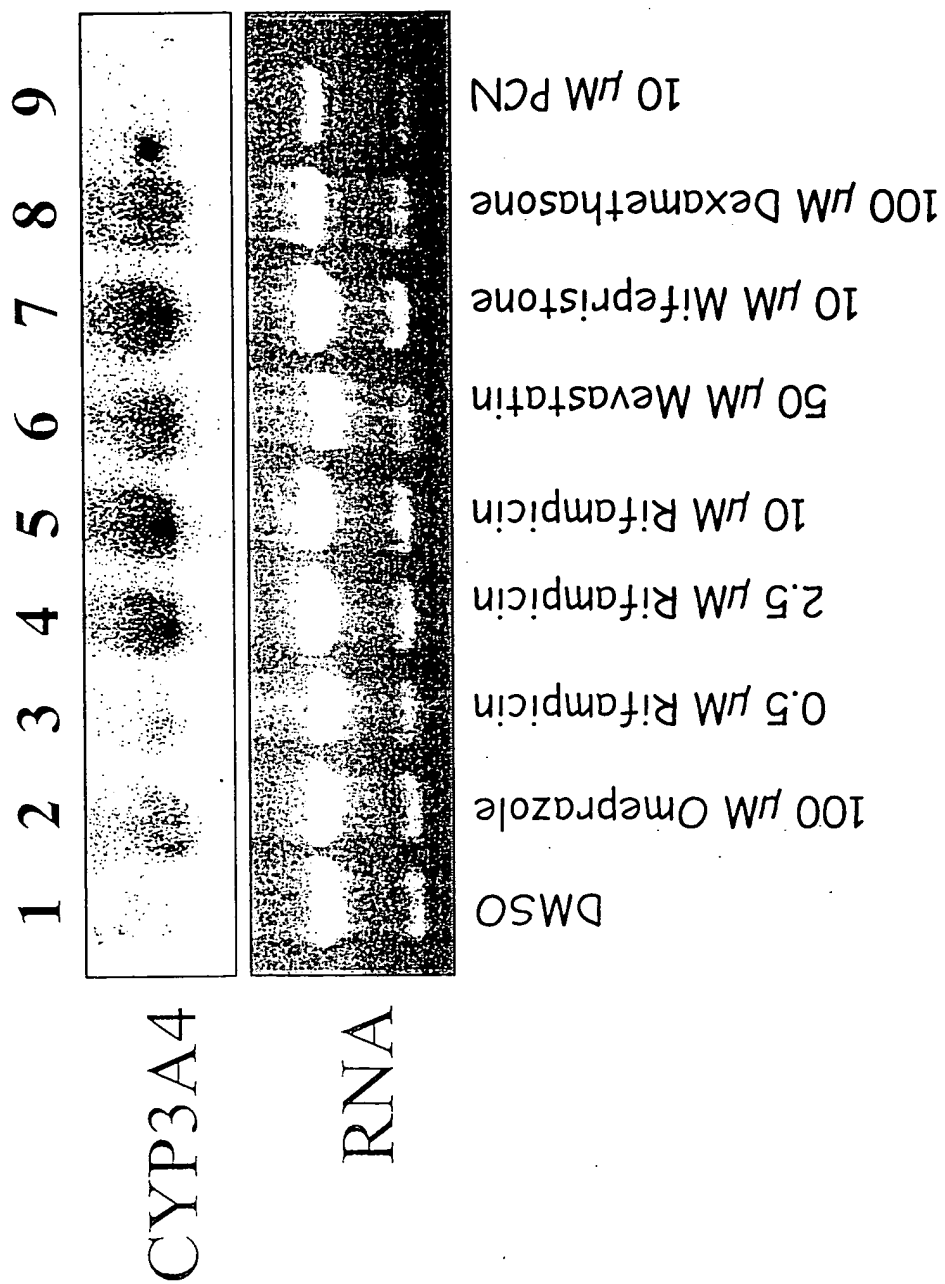


FIG. 30A

DPX-2

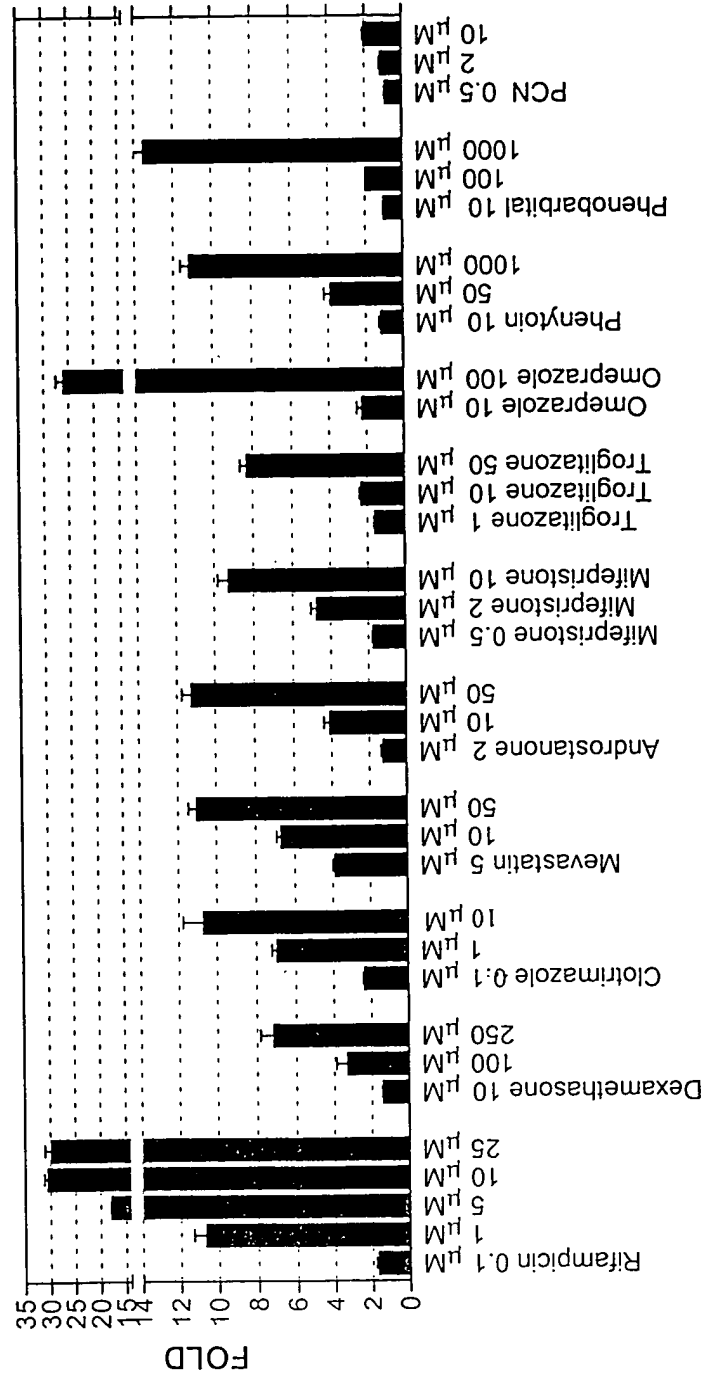


FIG. 30C

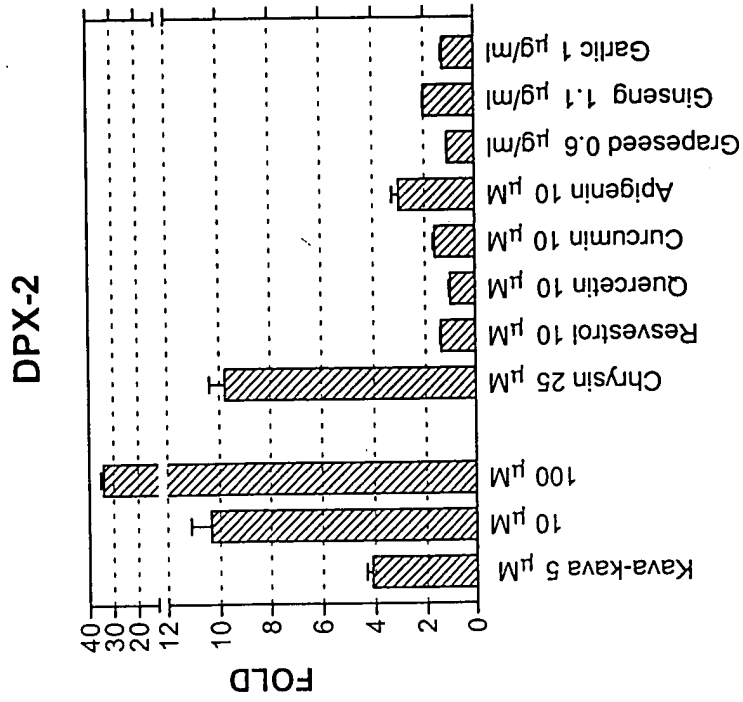


FIG. 30B

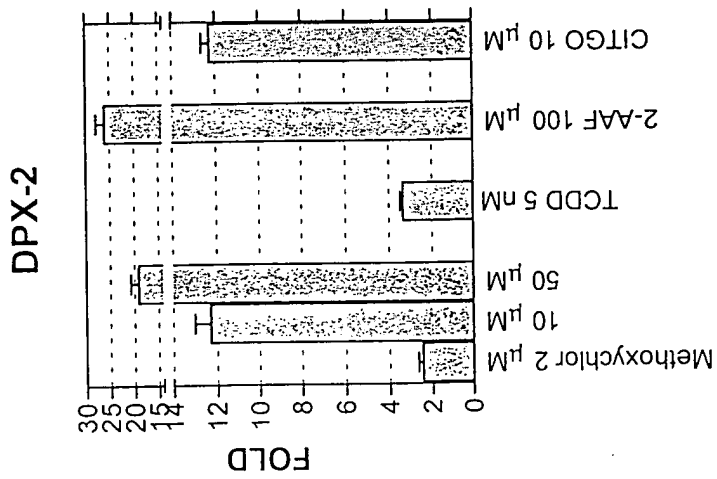


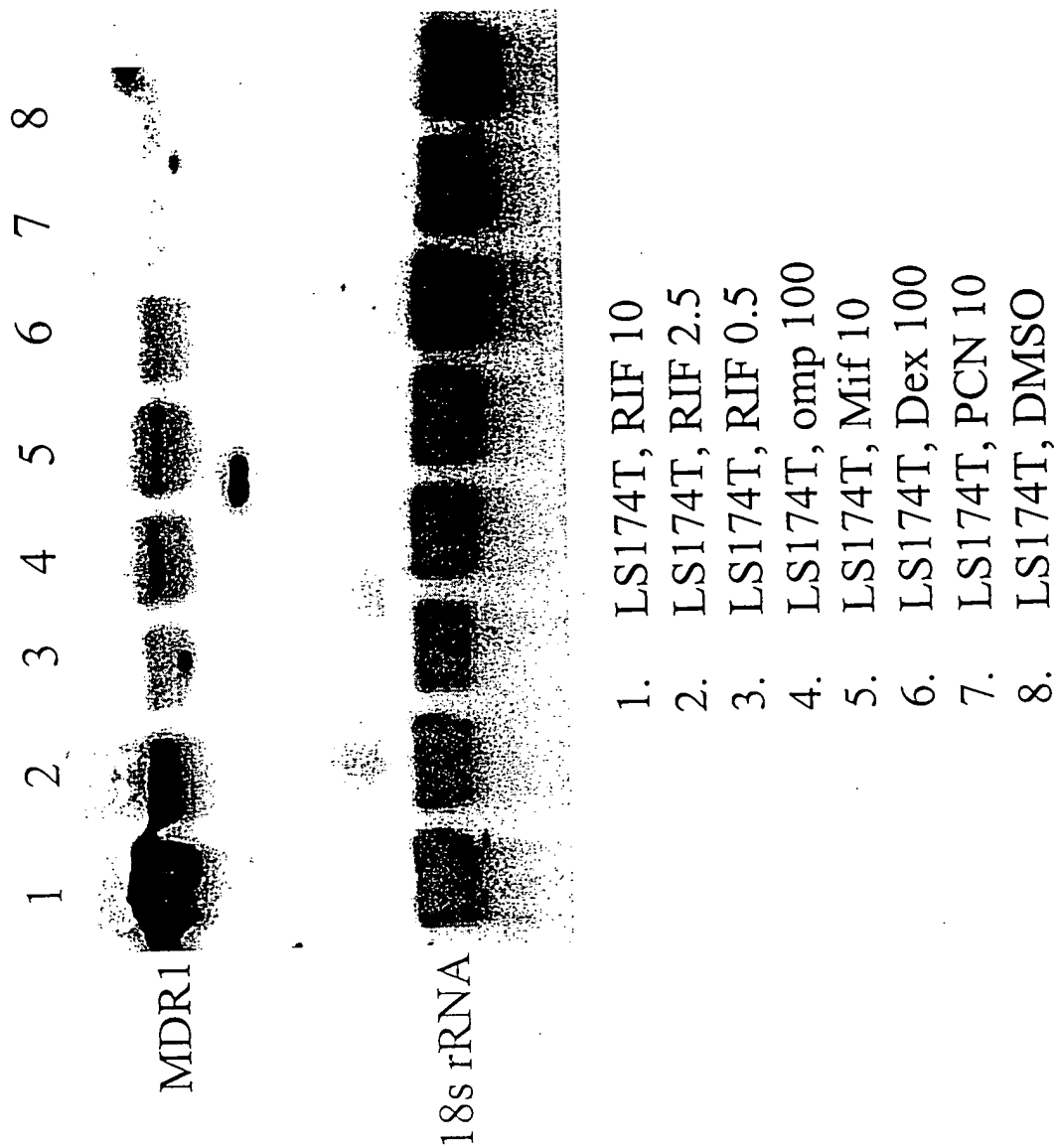
FIG. 31

FIG. 32A

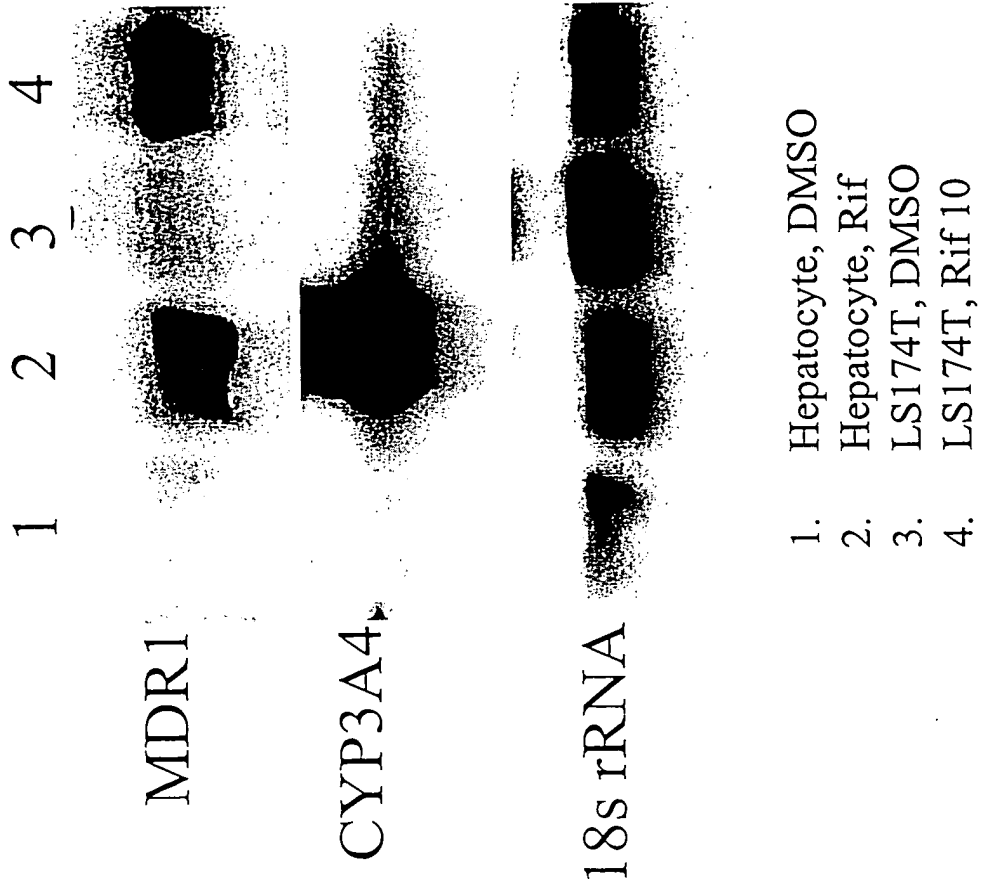


FIG. 32B

FIG. 32C

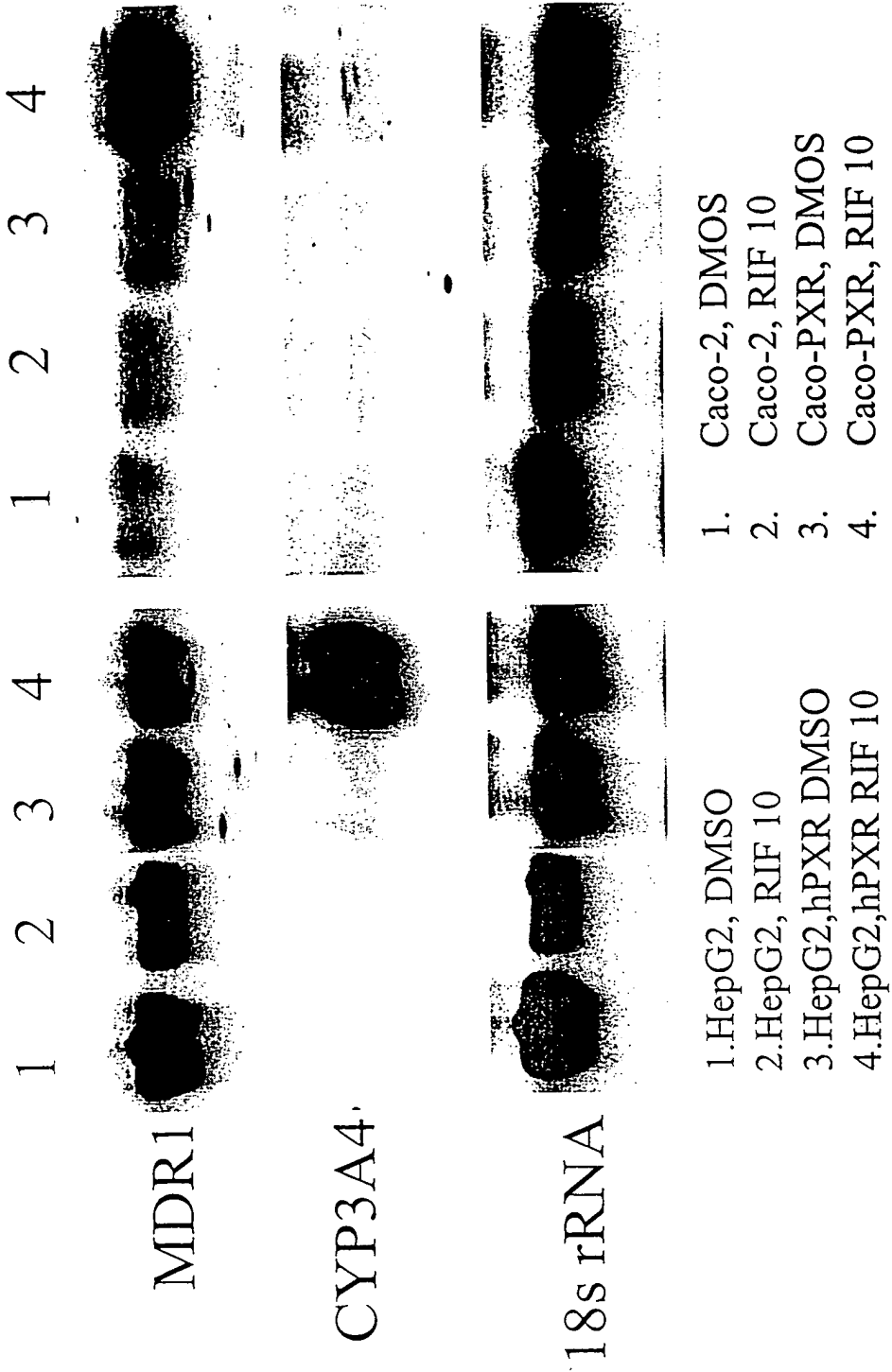


FIG. 33A

RT-PCR for PXR Expression

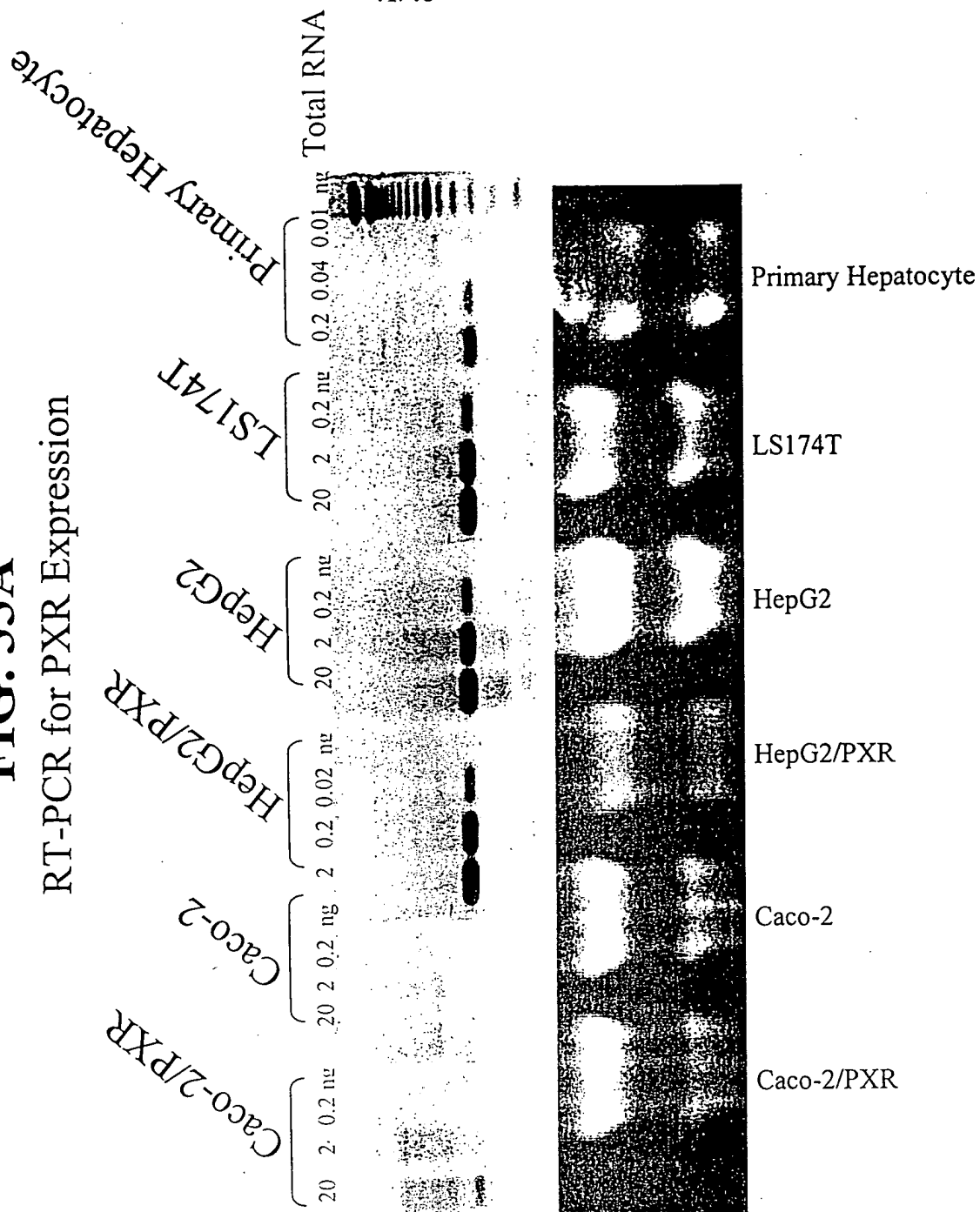


FIG. 33B

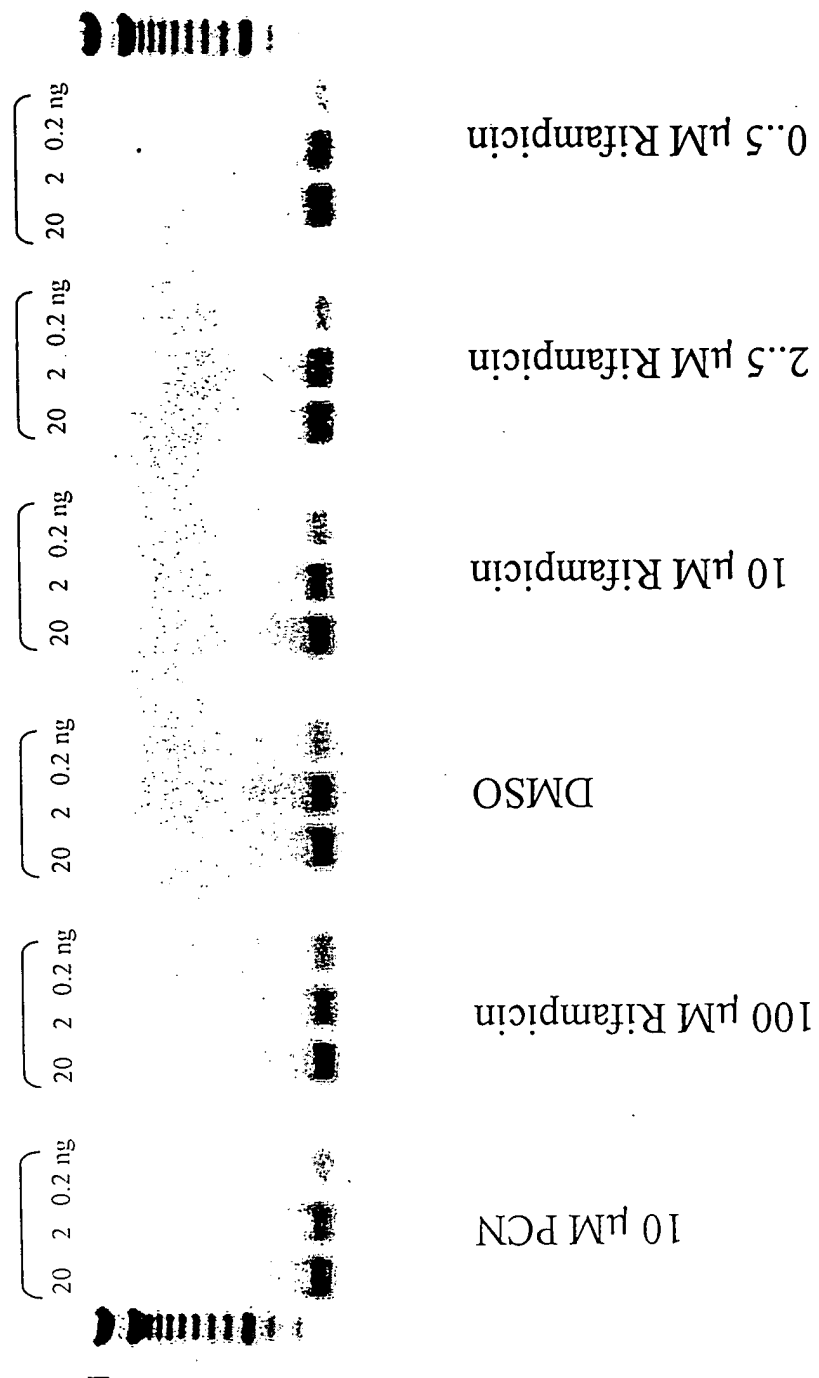


FIG. 34A
Caco-2

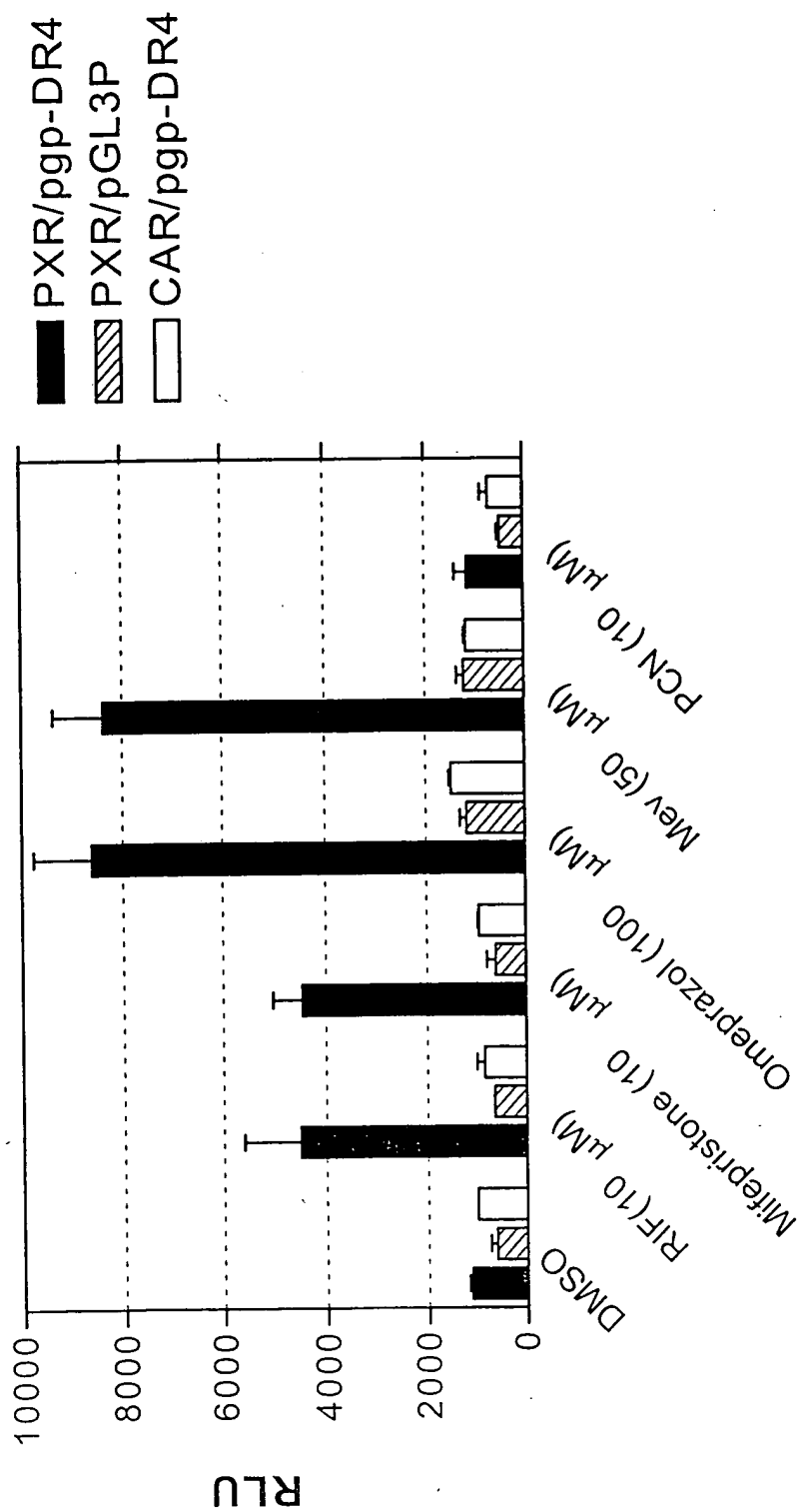


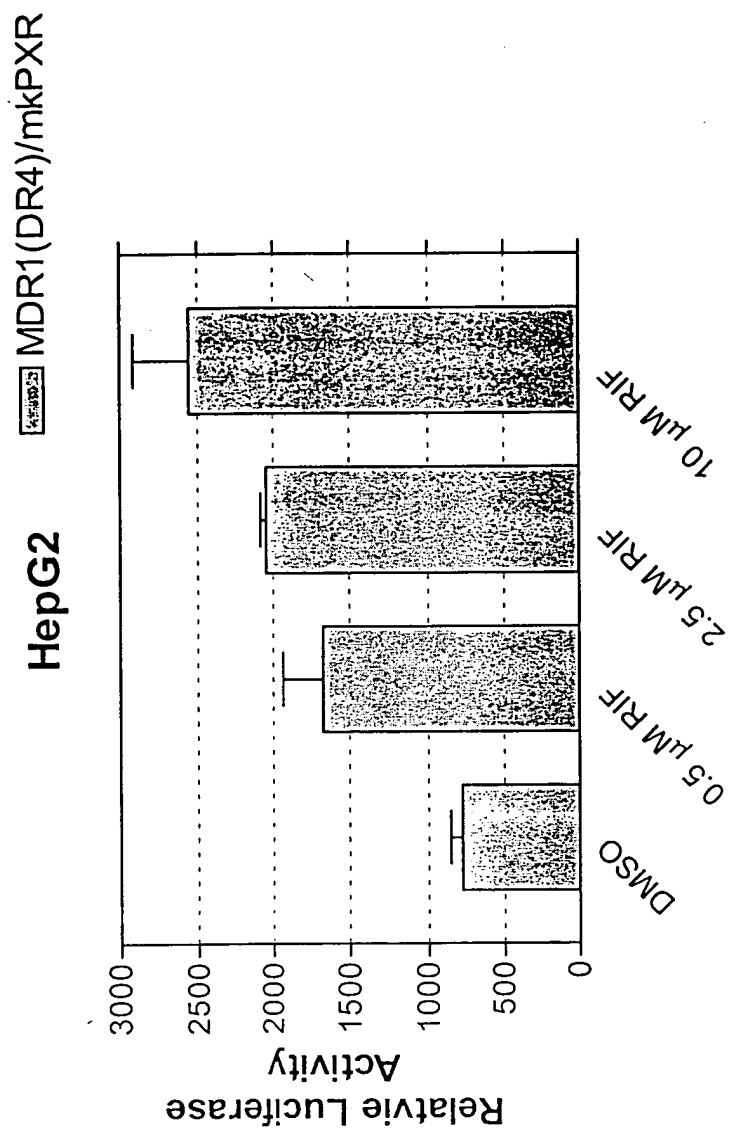
FIG. 34B

FIG. 35A

Hep-PXR/Pgp-Luc

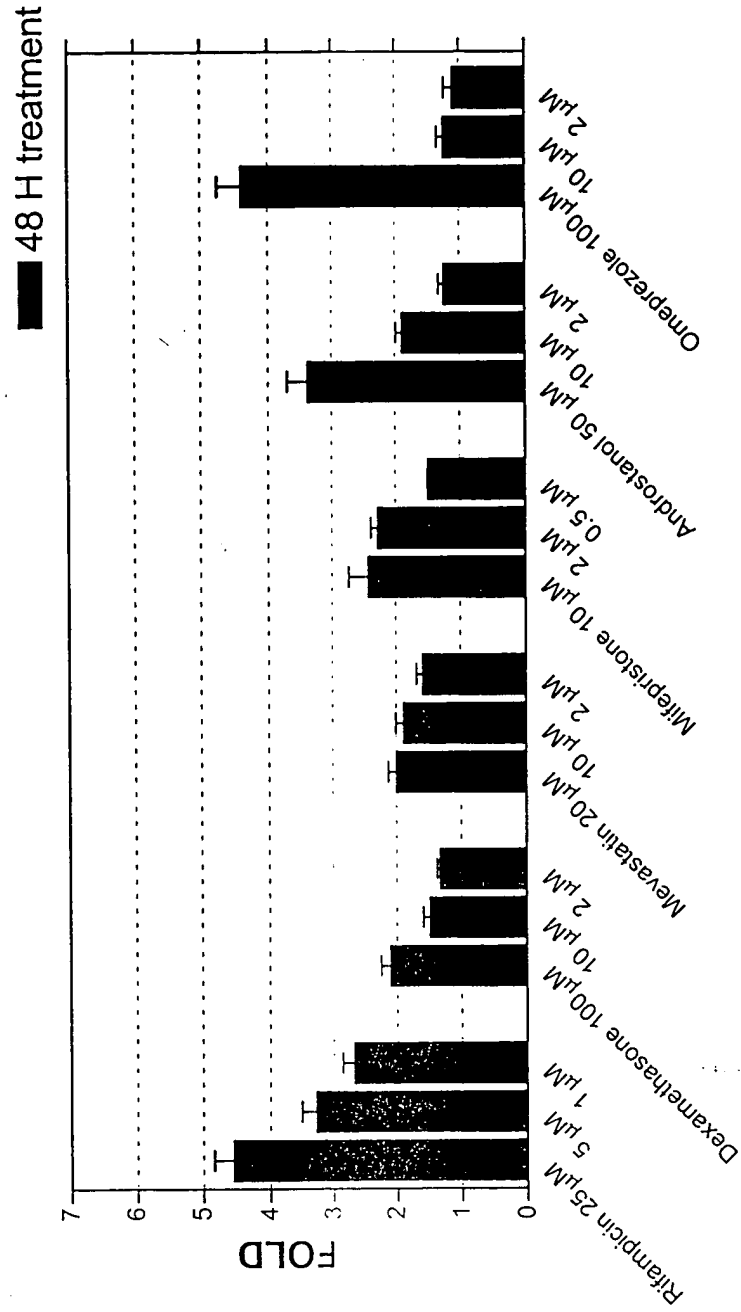


FIG. 35B
CaCO-PXR/Pgpluc ■ 48 H treatment

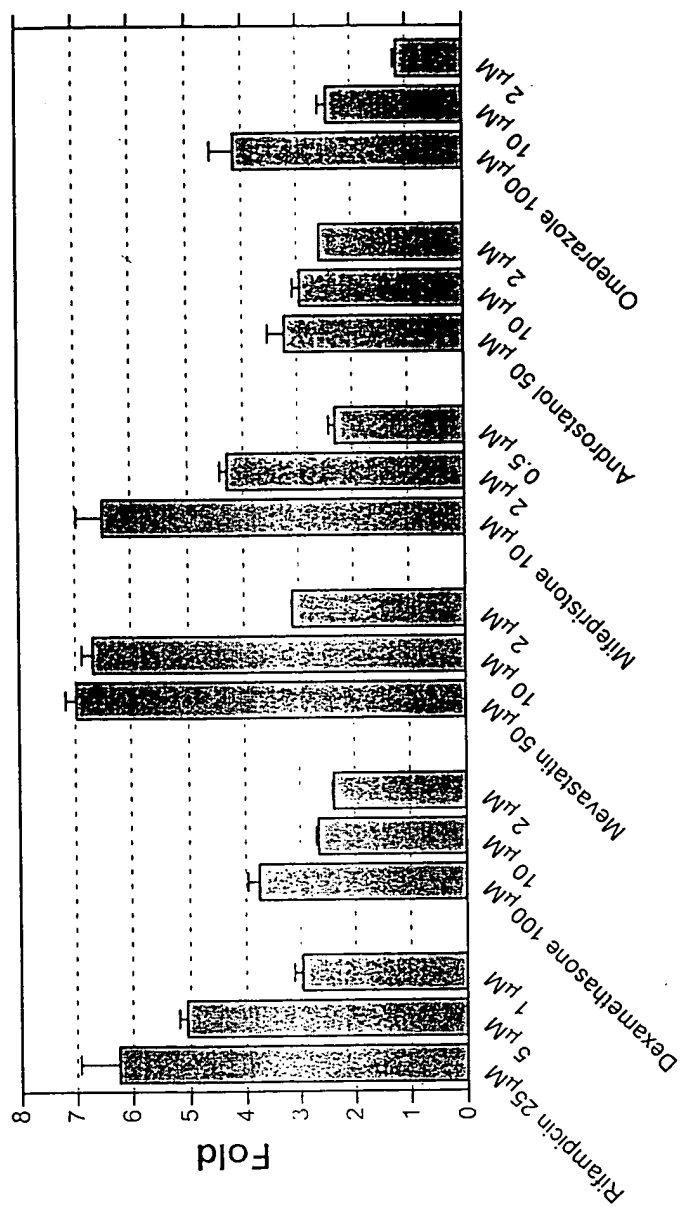


FIG. 36

HepG/Pgp-Luc

